

**DYNEX™** • • •

19" LCD TV/DVD Combo

**DX-LDVD19-10A**

**USER GUIDE**

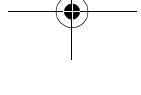
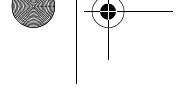
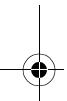
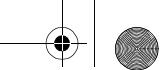
# Dynex DX-LDVD19-10A

## 19" LCD TV/DVD Combo

### Contents

Important safety instructions .....	2
Warnings .....	2
Cautions .....	2
Installing the stand .....	3
Removing the stand .....	3
Removing the stand .....	4
Installing a wall-mount bracket .....	4
TV components .....	4
Front and side panels .....	4
Back .....	4
Remote control .....	5
Using the remote control .....	6
Installing remote control batteries .....	6
Aiming the remote control .....	7
Programming a universal remote control to work with your TV .....	7
Making connections .....	7
Connecting the power .....	7
Connecting an antenna or cable TV .....	8
Connecting a VCR .....	8
Connecting a camcorder or game .....	9
Connecting an HDMI device .....	9
Connecting a component video device .....	9
Connecting a computer .....	9
Turning on your TV for the first time .....	10
Understanding the basics .....	11
Turning your TV on or off .....	11
On-screen menu overview .....	11
Navigating the menus .....	11
Selecting a channel .....	11
Adjusting the volume .....	12
Adjusting basic settings .....	12
Displaying additional information .....	12
Adjusting the picture .....	12
Adjusting the TV picture .....	12
Adjusting the computer image .....	13
Adjusting the sound .....	13
Adjusting the sound .....	13
Changing channel settings .....	14
Automatically scanning for channels .....	14
Adding or skipping channels .....	14
Setting up a favorite channel list .....	15
Adding or changing a channel label .....	15
Checking the DTV signal strength .....	16
Listening to audio only .....	16
Turning on Auto Zoom .....	16
Setting parental controls .....	17
Changing parental control settings .....	17

Setting or changing the password .....	17
Setting parental control levels .....	18
Downloading rating information .....	19
<b>Using closed captioning .....</b>	<b>20</b>
Turning closed captioning on or off .....	20
<b>Adjusting time settings .....</b>	<b>20</b>
Setting the clock .....	20
Setting the sleep timer .....	21
<b>Adjusting menu settings .....</b>	<b>21</b>
Selecting the menu language and transparency .....	21
Labeling an input source .....	22
<b>DVD Playback .....</b>	<b>22</b>
Basic playback .....	22
Advanced playback .....	23
JPEG disc playback .....	23
Screen saver .....	23
DVD system setup .....	23
Playable discs .....	24
<b>Troubleshooting .....</b>	<b>25</b>
Video and audio .....	25
Remote control .....	25
General .....	25
<b>Maintenance .....</b>	<b>25</b>
Cleaning .....	25
Care and handling of discs .....	25
Servicing .....	26
<b>Specifications .....</b>	<b>26</b>
<b>Legal notices .....</b>	<b>26</b>
<b>One-year limited warranty .....</b>	<b>27</b>



## CHILD SAFETY

**It makes a difference how and where you use  
your flat panel display**

**As you enjoy your new product, keep these  
safety tips in mind**

### ***The issue***

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

### ***Tune into safety***

- One size of TV stand does not fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.



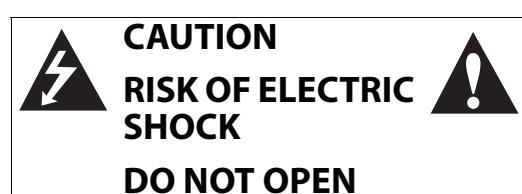
### ***Wall mounting***

If you decide to wall mount your TV, always remember:

- Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV. One size of wall mount does not fit all.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.
- TVs can be heavy. At least two people are required for safe wall mount installation.



## Important safety instructions



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV. This label is located on the back of your TV.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV.

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.  i3125A
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15 The wall plug is the disconnecting device. The plug must remain readily operable.
- 16 An apparatus with a three-prong, grounding-type plug is a Class I apparatus, which needs to be grounded to prevent possible electric shock. Make sure that you connect the Class I television to a grounding-type, three-prong outlet.

- 17 Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
- 18 The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

### Warnings

#### **Electric shock hazard**

To reduce the risk of electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

#### **Lightning**

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

#### **Power lines**

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

#### **Handling the LCD panel**

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

#### **Replacement parts**

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

#### **Safety check**

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.

#### **Power source**

Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

### Cautions

#### **Damage requiring service**

Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your TV.
- If your TV has been exposed to rain or water.

**Installing the stand**

DX-LDVD19-10A

**3**

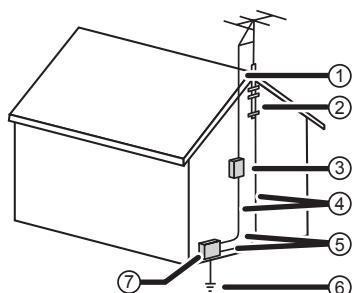
- If your TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
- If your TV has been dropped or damaged in any way.
- When your TV exhibits a distinct change in performance.

**Attachments**

Use only attachments recommended by Dynex.

**Outdoor antenna grounding**

If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



①	Antenna lead-in wire
②	Grounding clamp
③	Antenna discharge unit
④	Grounding conductors
⑤	Ground clamps
⑥	Power service grounding electrode system
⑦	Electric service equipment

**Note to CATV system installer**

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

**Condensation**

Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually. Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.

**Mobile telephone warning**

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.

**End of life directives**

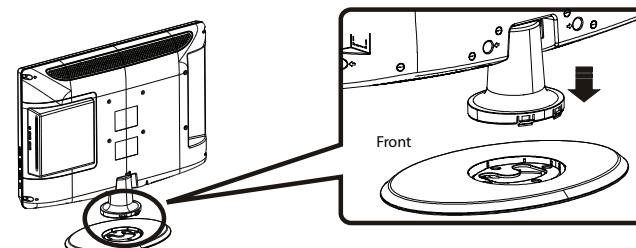
Your TV contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at [www.eia.org](http://www.eia.org) to find a recycler in your area.

**Non-active pixels**

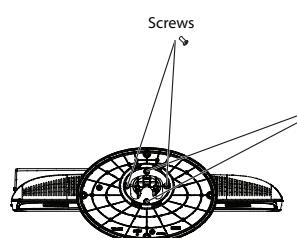
The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

**Installing the stand****To install the stand:**

- 1 Position the base stand with the Front label positioned facing the LCD screen.



- 2 Push the TV onto the base until the clips snap into place.
- 3 Secure the base to the TV with four (4) ST4x8 screws.

**Removing the stand**

If you intend to mount your TV on a wall or other vertical surface, you must remove the stand.

**Warning:** Before attempting removal of the stand, unplug the AC power cord.

**Cautions:**

*Read these instructions thoroughly before attempting this installation.*

*Make sure that you handle your TV very carefully when attempting removal of the stand. If you are not sure of your ability to do this, or to use the tools necessary to complete this job, refer to a professional installer or service personnel. The manufacturer is not responsible for any damages or injuries that occur due to mishandling or improper assembly.*

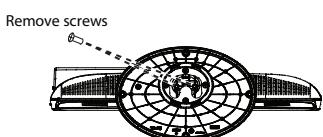
*When using a table or bench as an aid to assembly, make sure that you place the TV on a soft cushion or covering to prevent accidental scratching or damage to your TV's finish.*

*The speaker is not intended to support the weight of your TV. Do not move or handle your TV by the speaker. This can cause damage to your TV that is not covered by the manufacturer's warranty.*

## Removing the stand

### To remove the stand from the stand column:

- 1 Lay your TV face down on a table or bench. Make sure that you put down a soft cushion or cloth so that your TV is not scratched.
- 2 Adjust the stand so that the angle between the stand and the TV is 90°.
- 3 Remove the two (2) M4 screws that secure your TV to the stand, then pull the stand off the TV.



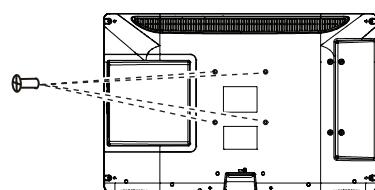
## Installing a wall-mount bracket

If you want to attach the TV to a wall-mount bracket (not provided), you should first remove the stand.

### To attach your TV to a wall-mount bracket:

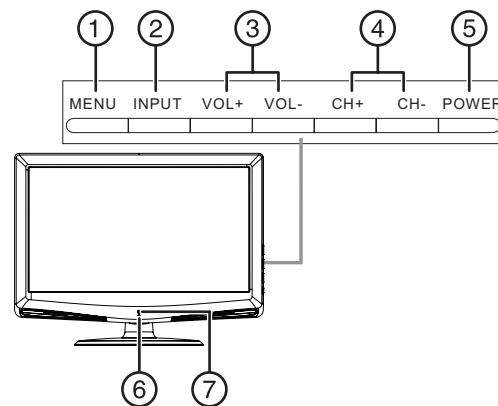
**Warning:** These servicing instructions are for use by qualified service personnel only. To reduce the risk of hazards, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

- Secure the wall-mount bracket to the back of your TV using the four M4 screws provided with the bracket.



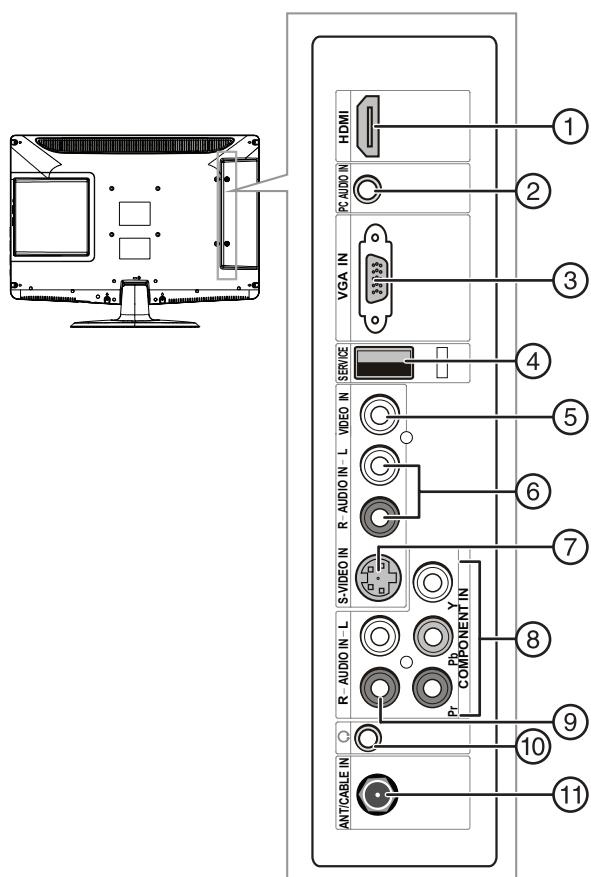
## TV components

### Front and side panels



#	Component	Description
1	MENU	Press to open the on-screen menu.
2	INPUT	Press to select the video input source.
3	VOL+/VOL-	Press to increase or decrease the volume.
4	CH+/CH-	Press to go to the next or previous channel in the channel list.
5	POWER ⏪ button	Press to turn on your TV. Press again to put your TV in standby mode.
6	Power indicator	Lights blue when your TV is turned on. Lights red when your TV is in standby mode. Not lit when the power cord is unplugged.
7	Remote sensor	Receives signals from the remote control. Do not block.

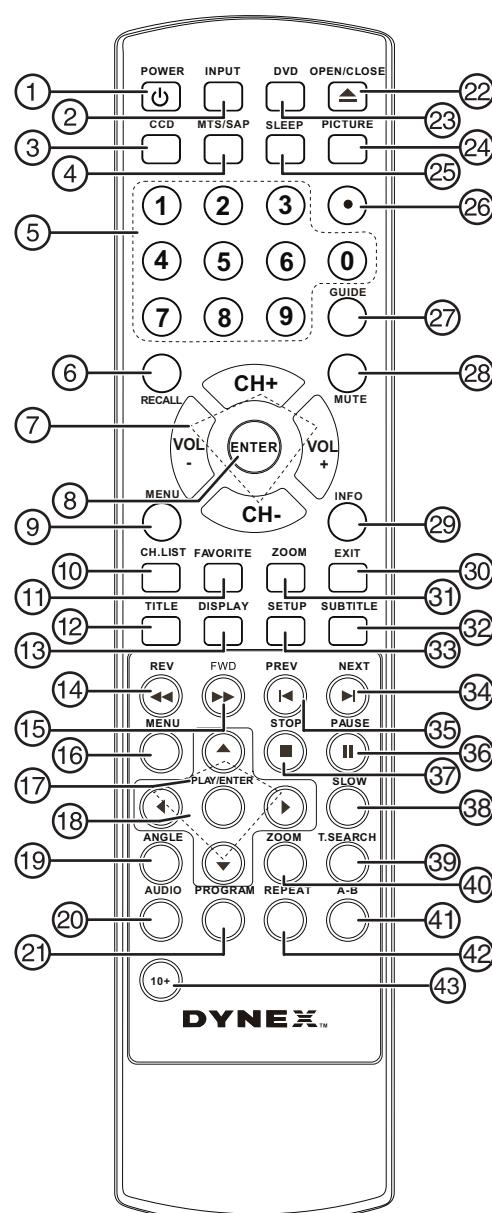
## Back



##	Component	Description
1	HDMI jack	Connect an HDMI device, such as a cable box or DVD player, to this jack. An HDMI cable carries both video and audio, so you do not need to make an audio connection. For more information, see "Connecting an HDMI device" on page 9.
2	PC AUDIO jack	Connect the audio output from your computer to this jack. For more information, see "Connecting a computer" on page 10.
3	VGA jack	Connect the video output from your computer to this jack. For more information, see "Connecting a computer" on page 10.
4	SERVICE	For firmware update only.
5	VIDEO IN jack	Connect the video output from an AV device to this jack. For more information, see "Connecting a VCR" on page 9.
6	AUDIO IN jacks	Connect the audio output (L and R) from an AV device to these jacks. For more information, see "Connecting a VCR" on page 9.
7	S-VIDEO jack	Connect an S-Video device to this jack. S-Video does not carry an audio signal, so you will need to connect audio cables from the device to the AUDIO IN jacks.
8	COMPONENT IN jacks	Connect a component video device to these jacks. For more information, see "Connecting a component video device" on page 10.

##	Component	Description
9	(Component) AUDIO IN jacks	Connect the audio output (L and R) from a component device to these jacks. For more information, see "Connecting a component video device" on page 10.
10	Headphone jack	Plug headphones into this jack.
11	ANT/CABLE IN jack	Connect the 75 ohm cable from an antenna or cable box to this jack.

## Remote control



#	Button	Description
1	<b>POWER</b> ⏻	Press to turn on your TV. Press again to put your TV in Standby mode.
2	<b>INPUT</b>	Press to select the input source.
3	<b>CCD</b>	Press to turn closed captioning on or off. For more information, see "Using closed captioning" on page 20.

#	Button	Description
4	MTS/SAP	Press to select the audio mode. For analog channels, you can select <b>STEREO</b> , <b>SAP</b> (secondary audio program), or <b>MONO</b> . For digital channels, you can select the audio track (if more than one track is available). For more information, see "Adjusting the sound" on page 14.
5	Numbers	Press to enter channel numbers or the parental control password.
6	RECALL	Press to go to the last viewed channel.
7	CH+/CH- VOL+/VOL-	Press CH+ or CH- to go to the next or previous channel in the channel list. For more information, see "Selecting a channel" on page 12. Press VOL+ or VOL- to increase or decrease the volume.
8	ENTER	Press to confirm selections in an on-screen menu or to open a submenu.
9	MENU	Press to open the on-screen menu.
10	CH.LIST	Press to open the channel list. For more information, see "Selecting a channel" on page 12.
11	FAVORITE	Press to display the favorite channel list. For more information, see "Setting up a favorite channel list" on page 15.
12	TITLE	Press to display the DVD title menu (when available).
13	DISPLAY	Press to cycle through information about the DVD, including Time Elapsed, Time Remaining, Chapter Elapsed, Chapter Remaining, and Display off.
14	REV <<	Press to fast reverse a DVD.
15	FWD >>	Press to fast forward a DVD.
16	MENU	Press to go to the root menu on a DVD.
17	PLAY/ENTER	Press to play a DVD.
18	▲, ▼, ▲, and ▼ Arrow keys	Press to navigate in the on-screen DVD menus.
19	ANGLE	Press to change the viewing angle of a DVD (when available).
20	AUDIO	Press to select the audio track of a DVD.
21	PROGRAM	Press to program DVD playback.
22	OPEN/CLOSE ▲	Press to eject the DVD.
23	DVD	Press to go to DVD mode.
24	PICTURE	Press to select the picture mode. You can select <b>Vivid</b> , <b>Standard</b> , <b>Energy Savings</b> , <b>Theater</b> , <b>Sports</b> , or <b>Custom</b> . For more information, see "Adjusting the picture" on page 13.
25	SLEEP	Press to set the sleep timer. For more information, see "Setting the sleep timer" on page 21.
26	• (Dot)	Press to enter a digital sub-channel.
27	GUIDE	Press to display EPG OSD of the channel, including program name, channel number, program description, channel label and program show time.
28	MUTE	Press to turn off the sound. Press again to turn on the sound. Does not affect headphones.

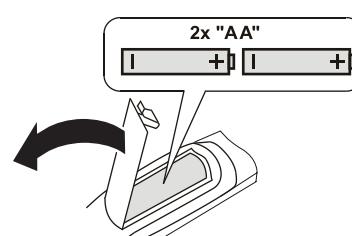
#	Button	Description
29	INFO	Press to display information about the current program. For more information, see "Displaying additional information" on page 13.
30	EXIT	Press to close the on-screen menu.
31	ZOOM	Press to select the aspect ratio of the picture. You can select <b>Normal</b> , <b>Zoom</b> , <b>Wide</b> , <b>Cinema</b> , or <b>Auto Zoom</b> . For more information, see "Adjusting the TV picture" on page 13.
32	SUBTITLE	Press to turn on DVD sub-titles and select the subtitle language.
33	SETUP	Press to open the DVD General Setup Page. Press twice to open the DVD Preference Page.
34	NEXT ►►	Press to go to the next chapter on a DVD.
35	PREV ►►	Press to go to the previous chapter on a DVD.
36	PAUSE ■■	Press to pause DVD playback.
37	STOP ■■	Press to stop DVD playback.
38	SLOW	Press to play a DVD in slow motion. Each time this button is pressed, the setting changes.
39	T.SEARCH	Press to display the DVD search menu.
40	ZOOM	Press to zoom in on the DVD picture.
41	A-B	Press to replay a selected portion of the DVD.
42	REPEAT	Press to repeat a DVD chapter. Press again to repeat a DVD title. Press again to repeat the entire DVD. Press again to cancel.
43	DVD 10+	If a chapter or track number is over 10, press this button, then press the number for last digit in the chapter or track number.

## Using the remote control

### Installing remote control batteries

#### To install remote control batteries:

- 1 Open the battery compartment cover by pressing the release button.
- 2 Insert two AA batteries into the battery compartment. Make sure that the + and - symbols on the batteries match the + and - symbols in the battery compartment.



- 3 Replace the cover.

#### Notes:

*Do not mix different types of batteries.*

*Do not mix old and new batteries.*

*Remove batteries when they no longer have a charge. Chemicals may leak into the battery compartment. Battery chemicals can cause a rash. If chemicals leak, clean the battery compartment with a cloth.*

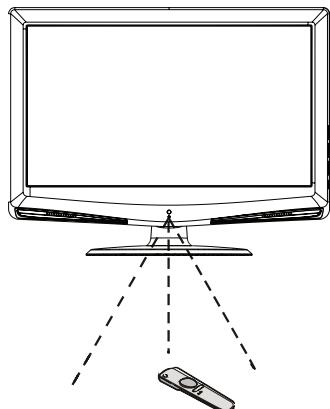
*Remove the batteries if you do not intend to use the remote control for an extended amount of time.*

*Do not dispose of batteries in a fire. Dispose of them as hazardous waste.*

## Aiming the remote control

### To use the remote control:

- Point the remote control towards the remote sensor on the front of your TV. The remote control's range is about 26 ft. (8 m).



### Notes:

*Do not expose the remote control to shock or liquids.*

*Do not use the remote control in an area with high humidity.*

*Do not place the remote control in direct sunlight.*

*Do not place objects, such as furniture, between the remote control and the remote sensor.*

*The remote control may not work if direct sunlight or bright light shines on the remote sensor. Either move your TV or change the angle at which you use the remote control.*

## Programming a universal remote control to work with your TV

You can operate your TV with a new or existing universal remote control.

### To program a universal remote control:

- 1 Find the code for your universal remote control by identifying its model (or your set-top box's remote control manufacturer and model) on the charts below, then make note of the numbered code below it. You will use the numbered code to program your remote control to work with your TV.

### Dynex TV codes for universal remote controls (for all Dynex TVs manufactured after Jan. 1, 2007)

#### Universal remote control manufacturer and model

Philips	RCA	One for All	Sony
PHDVD5,	RCU807	URC-6690	RM-VL600
PH5DSS,			
PMDVR8,			
PDVR8			

115	135	0464	8043	
-----	-----	------	------	--

#### Set-top box manufacturer and model

Comcast	Dish Network	Motorola	TIVO	DirectTV
M1057	VIP508, VIP622	DRC800	Series 3, HD	RC23

0463	720	0463	0091	10463
------	-----	------	------	-------

Codes for other remote controls are available online at:  
[www.dynexproducts/universalcontrolcodes.aspx](http://www.dynexproducts/universalcontrolcodes.aspx)

### Tips:

- The brand name is often visible on the front of the universal remote control, and the model number is often visible on the back.
- If your universal remote control isn't listed on the chart, refer to your universal remote control's instructions and try codes for the brands Orion, Emerson, Memorex, Sansui, Sylvania, or Zenith. You may need to try several codes before finding a match.

- 2 Follow your universal remote control's instructions to enter the code you found in Step 1.

### Tips:

- If your universal remote control has a code search feature, run a code search to identify a code that matches your TV. See your universal remote control's instructions for details.
- If your universal remote control has a "Learn" feature, you can manually program it using your TV remote to "teach" the commands one at a time. See your universal remote control's instructions for details.

- 3 If all else fails, you must use a different universal remote control that can operate both your set-top box and your TV. Five such remotes are listed on the chart, but many other compatible models are available in the market.

For more help, call technical support for your universal remote control or set-top box manufacturer, or call the Dynex Customer Care Center at 1-800-305-2204.

## Making connections

### Cautions:

Check the terminals for position and type before making any connections.

Loose connections can result in image or color problems. Make sure that all connections are tight and secure.

The external audio/video equipment shown in these illustrations may be different from your equipment. If you have questions, refer to the user manual that came with your equipment.

Always turn the power off when connecting external equipment.

- 2 Depending on the jacks available on the satellite TV receiver (set top box), connect a cable from the outgoing jacks on the satellite box to the corresponding jacks on the back of your TV. The connection can be to the HDMI, component video, S-Video, or AV jack.
- 3 If you use a component video, S-Video, or AV cable, connect audio cables to the corresponding jacks on the back of your TV and on the satellite box.
- 4 Turn on your TV, then press **INPUT** to select VIDEO mode for the type of connection you use.
- 5 Select the channel you want with the remote control for the cable box.

## Connecting the power

### To connect the power:

- Plug the AC cord into an AC power outlet.

### Notes:

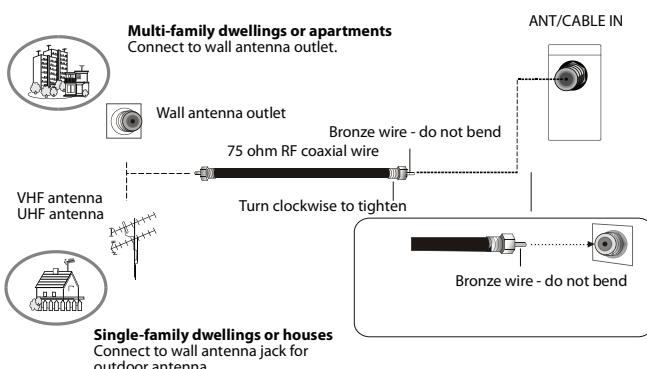
Your TV should only be operated from the power source indicated on the label.

Always unplug the AC power cord from the AC power outlet when you will not be using your TV for an extended period of time.

## Connecting an antenna or cable TV

### To connect an antenna, cable TV, or satellite TV box:

- 1 Connect one end of a 75 ohm cable (not included) to the **RF OUT** jack on the antenna or on the cable or satellite TV box.



- 2 Connect the other end of the cable to the **ANT/CABLE IN** jack on the back of your TV.

### Notes:

Use a 75 ohm cable to eliminate interference and noise from radio waves.

Do not bundle the 75 ohm cable with the power cord or other cables.

If the antenna is not installed correctly, contact qualified service personnel to correct the problem.

To improve picture quality in a poor signal area, purchase and install a signal amplifier.

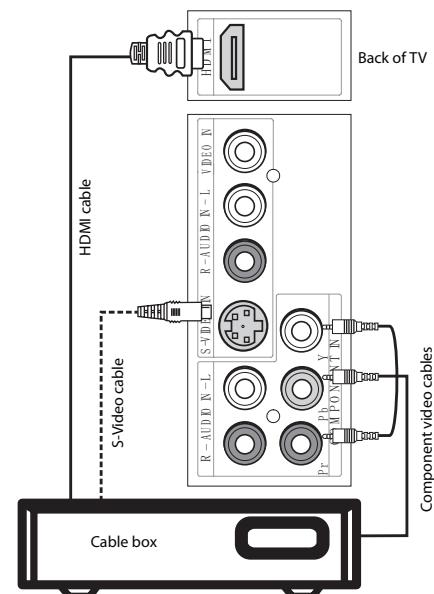
### Connecting a cable TV or satellite box

If you subscribe to a cable TV service from a local provider you can watch cable TV programming. The TV cannot display TV programming unless a TV tuner device or cable TV converter box is connected to the TV.

For further information regarding cable TV service, contact your local cable TV service provider(s).

### To connect to a cable TV or satellite TV box:

- 1 Connect the incoming cable from the satellite wall jack to the **SATELLITE IN** jack on the satellite box.



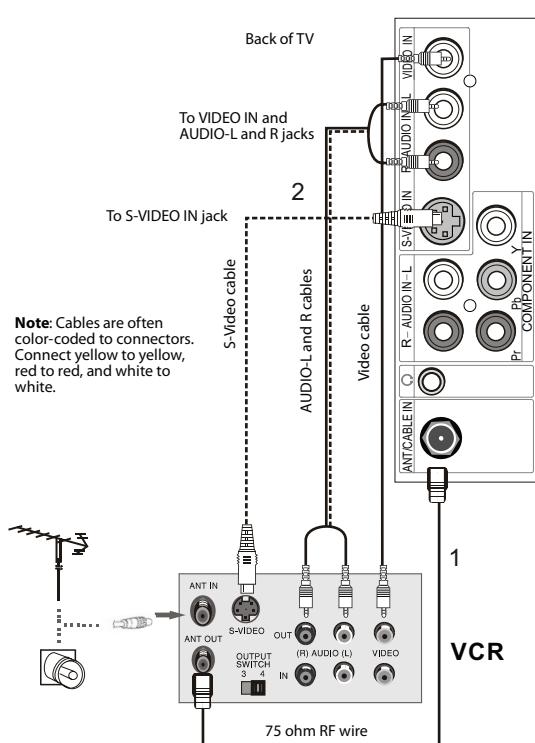
## Connecting a VCR

### To connect a VCR (option 1):

- 1 Make sure that your TV's power cord is unplugged and the VCR is turned off.
- 2 Connect a 75 ohm RF wire to the **ANT OUT** jack on your VCR and to the **ANT/CABLE IN** jack on your TV (1), then switch the output of the VCR to 3 or 4 and tune your TV to the same channel.

### To connect a VCR (option 2):

- 1 Make sure that your TV's power cord is unplugged and the VCR is turned off.
- 2 Connect an AV cable to the **AV VIDEO OUT** jack on the VCR.



- 3 Connect the other end of the cable to the **VIDEO IN** jack on the back of your TV.

For a better picture, you can connect an S-Video cable to the **S-VIDEO OUT** jack on the VCR and to the **S-VIDEO IN** jack on your TV.

- 4 Connect an audio cable to the **AV AUDIO OUT** jacks on the VCR.
- 5 Connect the other end of the cable to the **AUDIO IN L** and **R** jacks on the back of your TV.

### To play from the VCR (option 2):

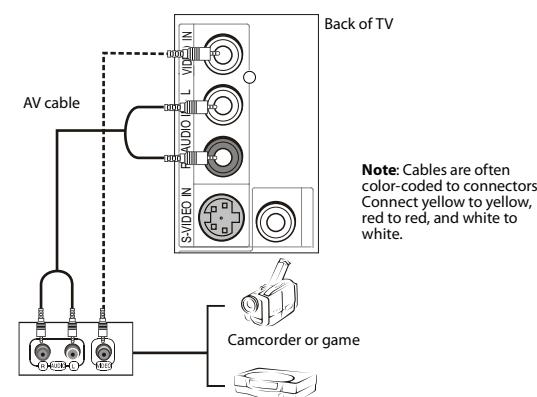
- 1 Turn on your TV, then press **INPUT** to select **Composite** or **S-Video** input mode.
- 2 Turn on the VCR, insert a videotape, then press **PLAY** on the VCR.

## Connecting a camcorder or game

**Tip:** Some game consoles have an **HDMI** connector, which can be used for a better picture.

### To connect a camcorder or game:

- 1 Make sure that your TV's power cord is unplugged and the camcorder or game is turned off.
- 2 Connect an AV cable to the **AV OUT VIDEO**, **AUDIO-L**, and **AUDIO-R** jacks on the camcorder or game.



- 3 Connect the other end of the cable to the **VIDEO IN**, **AUDIO-L**, and **AUDIO-R** jacks on the back of your TV.

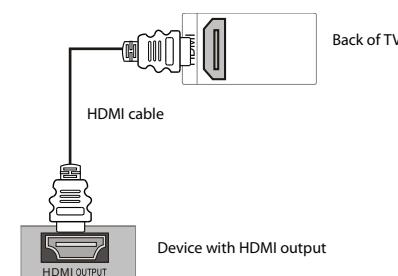
### To play from a camcorder or game:

- 1 Turn on your TV, then press **INPUT** to select **Composite** mode.
- 2 Turn on the camcorder or game, and set it to the correct output mode. See the camcorder's or game's user guides for more information.

## Connecting an HDMI device

### To connect an HDMI device:

- 1 Make sure that your TV's power cord is unplugged and the HDMI device is turned off.
- 2 Connect an HDMI cable to the **HDMI OUT** jack on the HDMI device.



- 3 Connect the other end of the cable to the **HDMI** jack on the back of your TV.

### To play from the HDMI device:

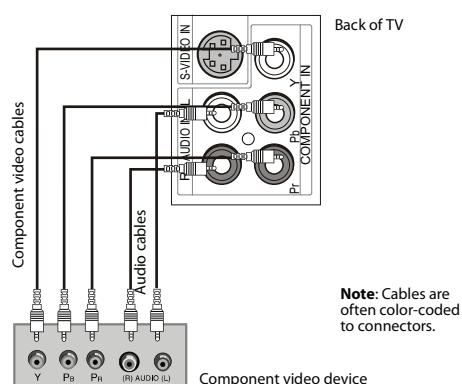
- 1 Turn on your TV, then press **INPUT** select **HDMI**.
- 2 Turn on the HDMI device, and set it to the correct output mode. See the HDMI device's user guide for more information.

**Note:** If the external device has **DVI** output only, use a **DVI-to-HDMI** adapter to connect to the **HDMI** jack, then connect an audio cable to the **PC AUDIO IN** jack.

## Connecting a component video device

### To connect a component video device:

- 1 Make sure that your TV's power cord is unplugged and the component video device is turned off.
- 2 Connect a component video cable to the **COMPONENT OUT** jacks on the component video device.



- 3 Connect the other end of the component video cable to the **COMPONENT IN** jacks on the back of your TV.
- 4 Connect an audio cable to the **AUDIO OUT** jacks (L/R) on the component device.
- 5 Connect the other end of the audio cable to the **COMPONENT AUDIO-R** and **AUDIO-L** jacks on the back of your TV.

### To play from a component device:

- 1 Turn on your TV, then press **INPUT** to select **Component**.
- 2 Turn on the component video device and set it to the correct output mode. See the component video device's user guide for more information.

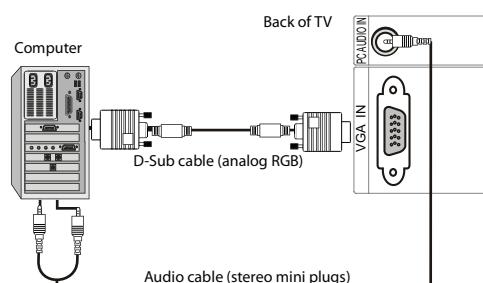
## Connecting a computer

**Tip:** Some computers have an HDMI connector, which can be used for a better picture.

### To connect a computer:

- 1 Make sure that your TV's power cord is unplugged and the computer is turned off.
- 2 Connect a VGA cable (not provided) to the **VGA** jack on the computer, then connect the other end of the cable to the **VGA IN** jack on the back of your TV.

**Note:** The VGA cable should be a 15-pin D-Sub (analog RGB) cable.



- 3 Connect an audio cable to the **AUDIO OUT** jack on the computer, then connect the other end of the cable to the **PC AUDIO IN** jack on the back of your TV.

**Note:** The audio cable should have a stereo mini plug.

### To play video from a computer:

- 1 Turn on your TV, then press **INPUT** to select **VGA**.
- 2 Turn on the computer, then check the image on your TV. There may be noise associated with the resolution, vertical pattern, contrast, or brightness in VGA mode. If noise is present, change the PC mode to another resolution, change the refresh rate to another rate, or adjust the brightness and contrast on the menu until the picture is clear. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult the manufacturer of the PC graphic card.

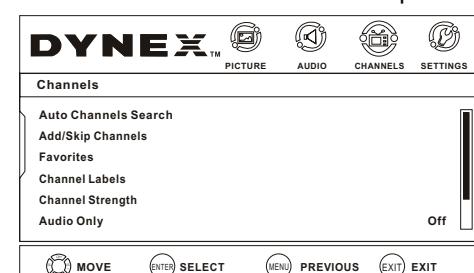
Mode	Resolution	Line freq (kHz)	Frame freq (Hz)
VGA	640x480	31.5	60
SVGA	800x600	37.9	60
XGA	1024x768	48.4	60
	1280x720	45	60
	1280x768	47.45	60
	1360x768	47.7	60

**Note:** All above listed are subject to VESA criteria.

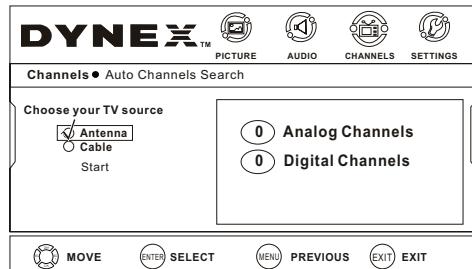
## Turning on your TV for the first time

### To turn on and configure your TV:

- 1 Make sure that you have inserted the batteries in the remote control, connected the antenna to the TV, and connected the AC power.
- 2 Press **POWER** , then wait several seconds. The power indicator LED turns blue and the TV turns on.
- 3 Select the signal source for your TV.
  - Press **INPUT** to open the signal source menu, then press **CH+** or **CH-** to select the source. Options include:
    - TV
    - Composite
    - S-Video
    - Component
    - DVD
    - VGA
    - HDMI
  - Press **ENTER/VOL+** to confirm.
- 4 Select the TV signal source for your TV and auto scan for channels.
  - Press **MENU**, then press **VOL+/VOL-** to highlight **CHANNELS**.
  - Press **ENTER/VOL+**. The *Channels* menu opens.



- Press **CH+/CH-** to highlight **Auto Channels Search**, then press **ENTER/VOL+**. The **Auto Channels Search** sub-menu opens.

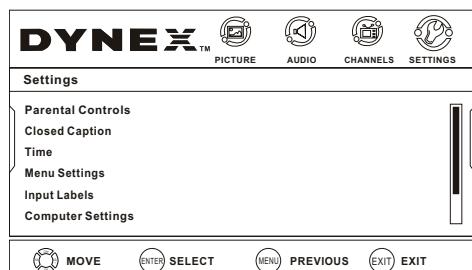


- Press **CH+/CH-** to select **Antenna** or **Cable**, then press **ENTER**. A checkmark appears in the circle next to your choice.
- Press **CH+/CH-** to highlight **START**, then press **ENTER/VOL+**. The TV automatically scans and memorizes all the active, available channels in your area.

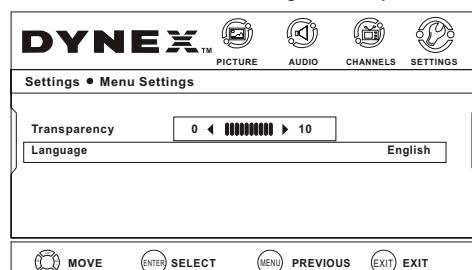
5 Set the volume of your TV by pressing **VOL+** or **VOL-**.

6 Set the menu language of your TV.

- Press **MENU**, then press **VOL+/VOL-** to highlight **SETTINGS**.
- Press **ENTER/CH-**. The **Settings** menu opens.



- Press **CH+/CH-** to highlight **Menu Settings**, then press **ENTER/VOL+**. The **Menu Settings** menu opens.



7 Press **CH-** to highlight **Language**, then press **ENTER/VOL+** to open the menu.

8 Press **CH+/CH-** to select the language you want. Options include:

- English
- French
- Spanish

9 Select the channel you want by pressing **CH+/CH-** to go to the next or previous channel, or directly by pressing the number buttons.

## Understanding the basics

### Turning your TV on or off

#### To turn your TV on or off (standby mode):

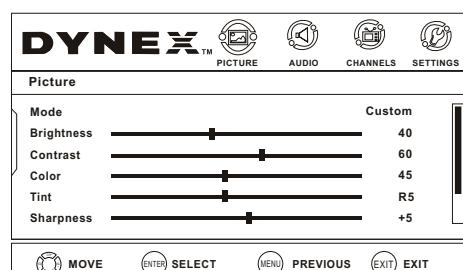
- 1 Plug the power cord into an AC power outlet.
- 2 Press **↓** (power). Your TV turns on.
- 3 Press **↓** again to turn off your TV. When you turn off your TV, it goes into standby mode.

**Warning:** When your TV is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.

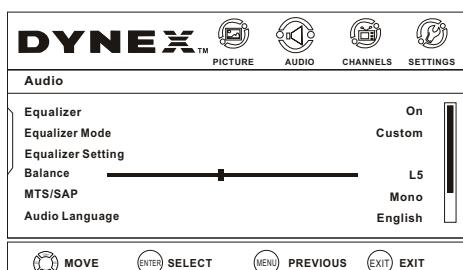
**Note:** If your TV does not receive an input signal for several minutes, it automatically goes into standby mode.

### On-screen menu overview

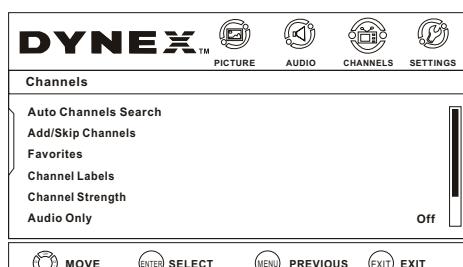
#### Picture menu



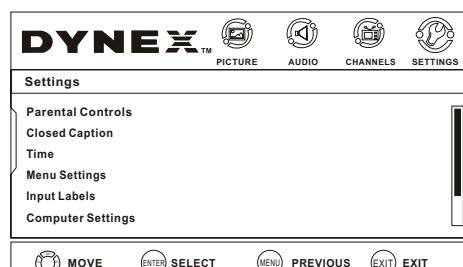
#### Audio menu



#### Channel menu



#### Settings menu



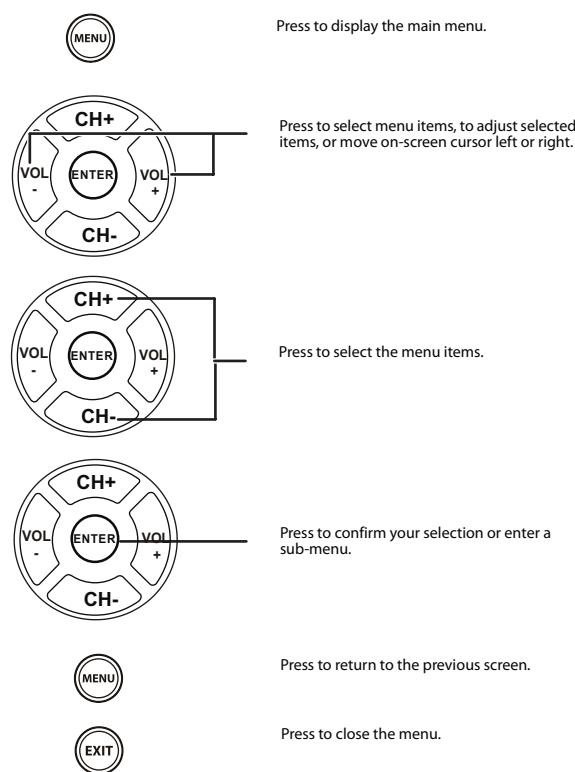
**Notes:**

Depending on the signal source selected, you may see different options on your screen. The above menus are shown in TV mode.

Menu items that are not selectable are grayed out. Menus in this manual are described in TV mode, unless otherwise indicated.

The illustrations and screens shown in the manual are for explanation purposes and may vary from the actual screens on your TV.

## Navigating the menus



## Selecting a channel

**To select a channel:**

- Press **CH+** or **CH-** to go to the next or previous channel on the memorized channel list.
- Press the number buttons to enter the analog or digital (main) channel number you want, then wait for the channel to change, or press **ENTER** to change the channel immediately.
  - To select a digital sub-channel, press the number buttons to select the main digital channel, then press the dot (.) button to select the sub-channel. Wait for the channel to change, or press **ENTER** to change the channel immediately.

**Note:** Button presses must be within three seconds of each other.

- Press **RECALL** to go to the last channel viewed.
- Press **CH.LIST** to display a list of memorized channels, press **CH+** or **CH-** to select the channel you want from the list, then press **ENTER/VOL+** to go to that channel.
- Press **FAVORITE** to display a list of your saved favorite channels, press **CH+** or **CH-** to select the channel you want from the list, then press **ENTER/VOL+** to go to that channel.

**Note:** If either list has more than one page, press **CH+** or **CH-** to scroll through the pages.

## Digital sub-channels

A digital TV signal transmits more data than an analog signal. This increase in data provides a better picture and sound with less static and interference. The increased data capacity also lets broadcasters fit several channels into the same bandwidth as an analog signal. Broadcasters may use these sub-channels to transmit a variety of information, such as weather forecasts, foreign languages, and commercials. A digital sub-channel is indicated by the main channel number, followed by a dot, then the sub-channel number. For example, 5.1 indicates sub-channel 1 of main channel 5.

## Adjusting the volume

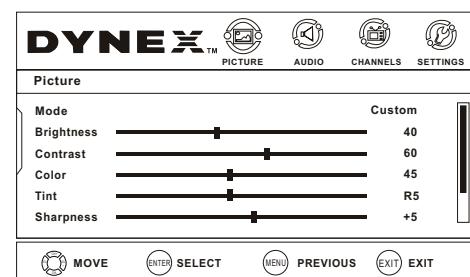
**To adjust the volume:**

- Press **VOL+** or **VOL-** to increase or decrease the volume.
- Press **MUTE** to temporarily turn off all sound (except the headphones). Press **MUTE** again to restore the sound.

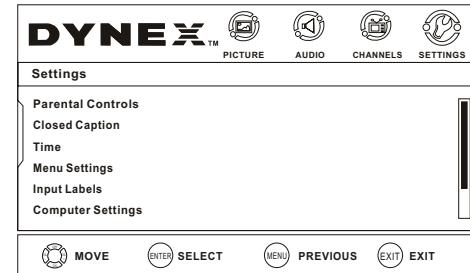
## Adjusting basic settings

**To adjust basic settings:**

- Press **MENU**. The on-screen menu opens with the *Picture* menu displayed.



- Press **VOL+** or **VOL-** to highlight **Settings**, then press **ENTER/CH-**. The *Settings* menu opens.



- Press **CH+** or **CH-** to highlight an option, then press **ENTER/VOL+** to enter the sub-menu. You can select:

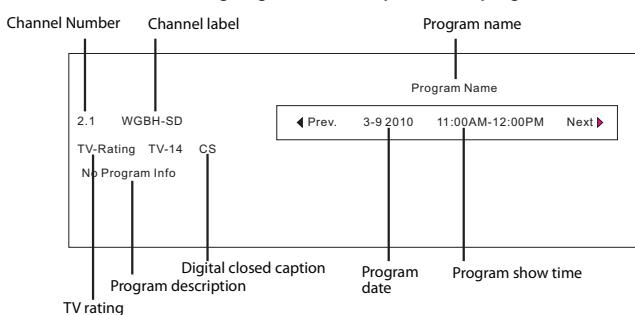
- Parental Controls**—Lets you control which programs/movies your children can watch, based on industry ratings.
- Closed Caption**—Lets you turn closed captioning on or off. Also lets you set closed caption options.
- Time**—Lets you set the clock and the sleep timer.
- Menu Settings**—Lets you set menu language and menu transparency.
- Input Label**—Lets you label a device connected to your TV's input jacks.
- Computer Settings**—Lets you adjust picture settings to optimize a computer display.

- Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

## Displaying additional information

### To display additional information:

- Press **INFO** to show an information banner. The information banner shows current program information such as channel number, video input source, and resolution.
- Digital mode information—Displays channel number, station name, channel label (if preset), broadcast program name, TV rating, signal type, audio information, resolution, current time, and current program start and end times.
- Analog mode information—Displays channel number, channel label (if preset), signal type, and audio information.
- Press **GUIDE** to display EPG OSD of the channel, including program name, channel number, program description, channel label, TV rating, digital closed caption, and program show time.

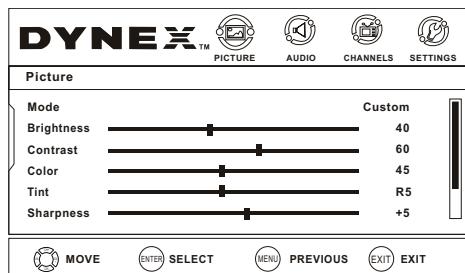


## Adjusting the picture

### Adjusting the TV picture

#### To adjust the picture:

- 1 Press **MENU**. The on-screen menu opens with the **Picture** menu displayed, then press **ENTER/CH-**. The **Picture** menu opens.



- 2 Press **CH+** or **CH-** to highlight an option, then press **ENTER/VOL+** to enter the sub-menu. You can select:
  - **Mode**—Selects the picture mode - **Vivid, Standard, Energy Savings, Theater, Sports, or Custom**. You can also press **PICTURE** on the remote control to select the picture mode.
  - **Brightness**—Adjusts the brightness.
  - **Contrast**—Adjusts the contrast.
  - **Color**—Adjusts the color saturation.
  - **Tint**—Adjusts the image tint.
  - **Sharpness**—Adjusts the sharpness.
  - **Advanced Video**—Lets you set the following:
    - **Aspect Ratio**—Select **Normal, Zoom, Wide, Cinema, or Auto Zoom**.
    - **Overscan**—Turn this **On** to adjust the picture's reproduction rate when receiving DVI signals in VIDEO format. **Available when the signal uses EIA timing (480i/480p/720p/1080i/1080p)**.

- **Color Temperature**—Select **Warm** (increased red), **Normal**, or **Cool** (increased blue).
- **Backlight**—Adjusts the **overall brilliance of the screen**.
- **Noise Reduction**—Selects the noise reduction mode to reduce picture noise (snow). **Choose High, Middle, Low, or Off**.
- **Advanced Contrast**—Turn this **On** to optimize the picture display for a more vivid image.
- **Reset Picture Settings**—Resets all picture settings to factory default.

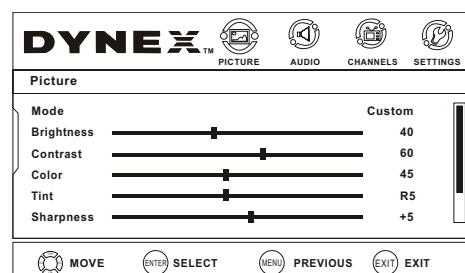
**Note:** You can only adjust Brightness, Contrast, Color Temperature, Tint, and Sharpness if you set the Mode to Custom.

- 3 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

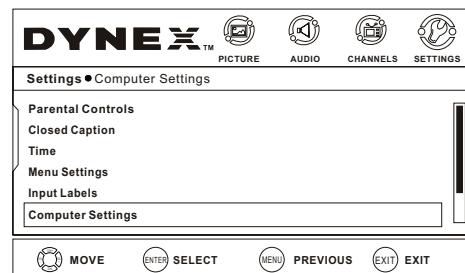
## Adjusting the computer image

### To adjust the computer image:

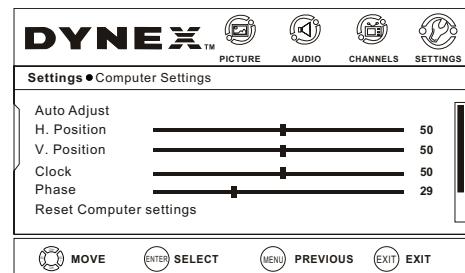
- 1 Make sure that your TV is in VGA mode. For more information, see "On-screen menu overview" on page 11.
- 2 Press **MENU**. The on-screen menu opens.



- 3 Press **VOL+** or **VOL-** to highlight **Settings**, then press **ENTER/CH-**. The **Settings** menu opens.



- 4 Press **CH+** or **CH-** to highlight **Computer Settings**, then press **ENTER/VOL+**. The **Computer Settings** menu opens.



- 5 Press **CH+** or **CH-** to highlight an option, press **ENTER/VOL+** to open the sub-menu, then press **VOL+/-** to adjust. You can select:
  - **Auto Adjust**—Automatically adjusts the image settings, such as position and phase
  - **H-Position**—Moves the image right or left

- **V-Position**—Moves the image up or down
- **Clock**—Adjust the clock setting of the picture
- **Phase**—Adjusts the focus of stable images
- **Reset Computer Settings**—Resets computer settings to factory default

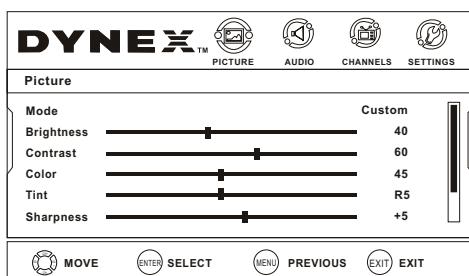
6 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

## Adjusting the sound

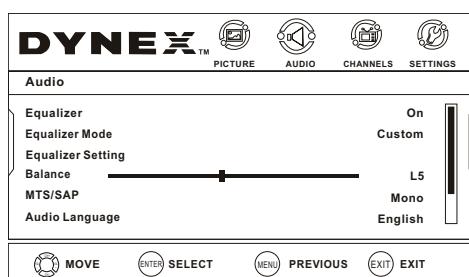
### Adjusting the sound

#### To adjust the sound:

1 Press **MENU**. The on-screen menu opens.



2 Press **VOL+** or **VOL-** to highlight **AUDIO**, then press **ENTER/CH-**. The **Audio** menu opens.



3 Press **CH+** or **CH-** to highlight an option, press **ENTER/VOL+** to open the sub-menu, then press **CH+/-** to adjust. You can select:

- **Equalizer**—Select **OFF** for normal frequency response or **ON** for optimized frequency response.
- **Equalizer Mode**—Selects the sound mode. You can select **Custom** (for a customized sound mode), **Standard**, **Theater** (for movies), **Music** (for musical programs), or **News** (for news programs). You can also press **AUDIO** one or more times to cycle through the available sound modes.
- **Equalizer Setting**—Lets you set custom audio settings when you select **Custom**.
  - **Treble**—Press **ENTER/VOL+** to open the sub-menu, then press **VOL+/-** to adjust the high sounds. (available when the equalizer is turned off).
  - **Bass**—Press **ENTER/VOL+** to open the sub-menu, then press **VOL+/-** to adjust the low sounds. (available when the equalizer is turned off).
  - **Balance**—Press **ENTER/VOL+** to open the sub-menu, then press **VOL+/-** to adjust the balance between the left and right audio channels.
- **MTS/SAP**—Only available for analog channels. Also available by pressing **MTS/SAP** on the remote control. Options include:
  - **MONO**—Select this option if there is noise or static on weak stereo broadcasts.

- **STEREO**—Select this option for programs broadcast in stereo.
- **SAP**—Select this option to listen to a secondary audio program, if available.
- **Audio Language**—(DTV channels only) Selects an alternate audio language, if available. May include English, French, or Spanish.
- **Auto Volume**—Equalizes the overall volume levels for all channels.
- **Reset Audio Settings**—Resets all audio settings to factory default.

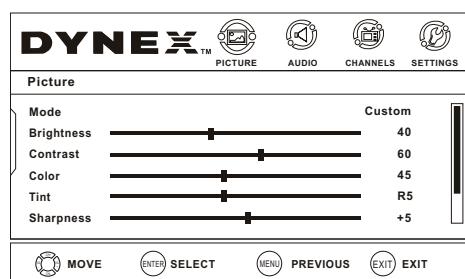
4 Press **MENU** to return to the previous menu, or press **EXIT** to close the menu.

## Changing channel settings

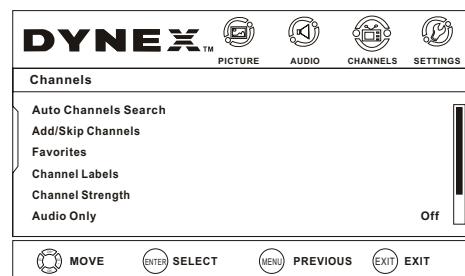
### Automatically scanning for channels

#### To auto scan for channels:

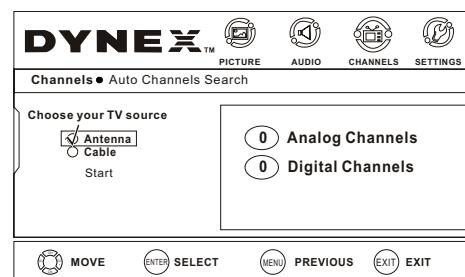
1 Press **MENU**. The on-screen menu opens.



2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



3 Press **CH+** or **CH-** to highlight **Auto Channels Search**, then press **ENTER/VOL+**. The **Auto Channels Search** sub-menu opens.



4 Press **CH+/CH-** to select **Antenna** or **Cable**, then press **ENTER**. A checkmark appears in the circle next to your choice.

5 Press **CH+/CH-** to highlight **START**, then press **ENTER/VOL+**. The TV automatically scans and memorizes all the active, available channels in your area.

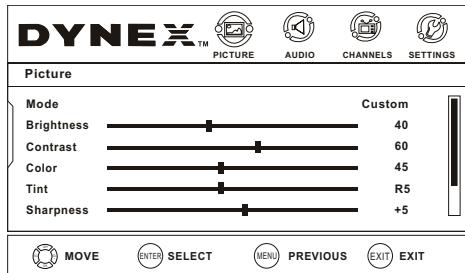
All available channels are automatically preset in order. After the search is completed, the first channel number displays on the screen. This search automatically adds only the active channels in your area to the TV's memory. It deletes any channels on which there is no broadcast or a poor signal. The channels found are automatically saved.

### Adding or skipping channels

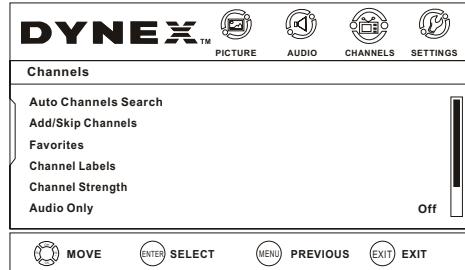
You can delete channels from the channel list so that your TV skips the channels when you press **CH+/CH-**. You can still tune to the hidden channel by using the number buttons.

#### To hide a channel:

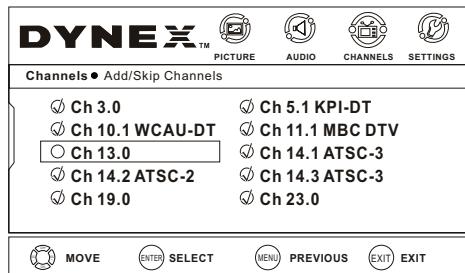
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



- 3 Press **CH+** or **CH-** to highlight **Add/Skip Channels**, then press **ENTER/VOL+**. The **Add/Skip Channels** sub-menu opens.



- 4 Press **CH+/CH-** or **VOL+/VOL-** to highlight the channel you want to skip (the default is to show the channel), then press **ENTER** to remove the check mark from the channel.

#### Notes:

If the list has more than one page, press **CH+** or **CH-** to scroll through the pages.

To add a channel that is being skipped, repeat Steps 1 to 4 and press **ENTER** to return the checkmark to the channel.

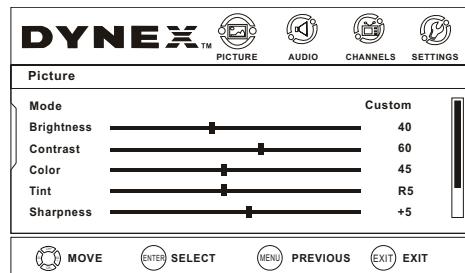
- 5 Press **EXIT** to close the menu.

### Setting up a favorite channel list

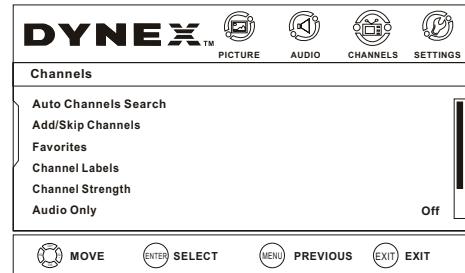
You can create a favorite channel list so you can quickly browse through your favorite channels by pressing **FAVORITE**, then selecting a channel from the favorite channel list.

#### To set up the favorite channel list:

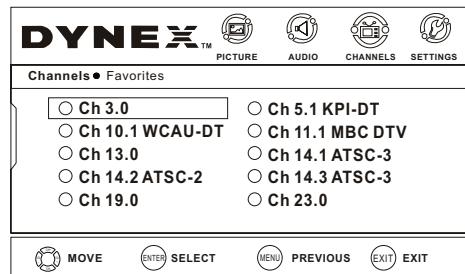
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



- 3 Press **CH+** or **CH-** to highlight **Favorites**, then press **ENTER/VOL+**. The **Favorites** sub-menu opens.



- 4 Press **CH+/CH-** or **VOL+/VOL-** to highlight the channel you want to add to your favorites list, then press **ENTER**. The channel is added to the list.

#### Notes:

If the list has more than one page, press **CH+** or **CH-** to scroll through the pages.

To remove a channel from your favorites list, repeat Steps 1 to 4 and press **ENTER** to remove the checkmark from the channel.

- 5 Press **EXIT** to close the menu.

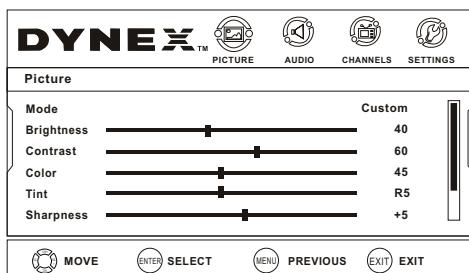
- 6 To select a channel in your favorites list, press **FAVORITE**, press **CH+/CH-** to highlight the channel, then press **ENTER/VOL+**.

## Adding or changing a channel label

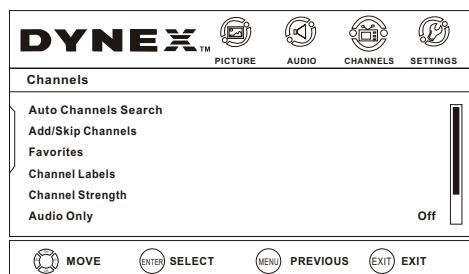
If a channel is not already labeled, you can label the channel to make it easier to identify. You can also relabel a channel that is already labeled.

### To label a channel:

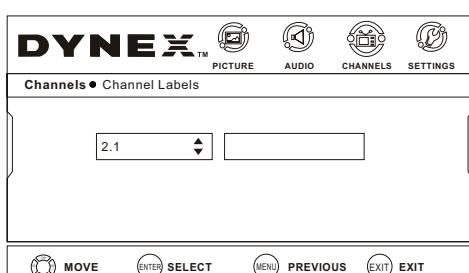
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



- 3 Press **CH+** or **CH-** to highlight **Channel Labels**, then press **ENTER/VOL+**. The **Channel Labels** sub-menu opens.



- 4 Press **CH+** or **CH-** to select the channel you want to label, then press **VOL+** or **VOL-** to go to the channel label field.
- 5 Press **CH+** or **CH-** to select the number or symbol you want, then press **VOL+** to go to the next character. You can use as many as ten characters to label a channel.
- 6 When you have finished entering a label, press **ENTER** to confirm.

### Notes:

To change a character, press **VOL+** or **VOL-** to go to the character you want to change, then press **CH+** or **CH-** to select a new character.

Repeat Steps 4 to 6 to label additional channels.

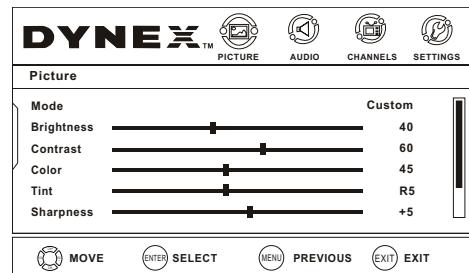
- 7 Press **MENU** to exit to the previous menu or **EXIT** to close the menu.

## Checking the DTV signal strength

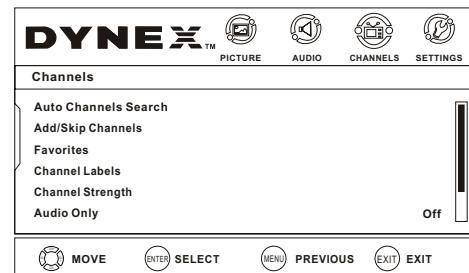
You can check the DTV signal strength to determine if you need to adjust your antenna or digital cable input. The higher the signal strength, the less likely you are to experience picture degradation.

### To check the DTV signal strength:

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



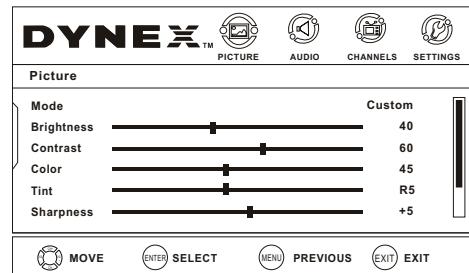
- 3 Press **CH+** or **CH-** to highlight **Channel Strength**, then press **ENTER/VOL+**. The **Channel Strength** screen opens displaying the signal strength of the channel.

- 4 Press **EXIT** to close the menu.

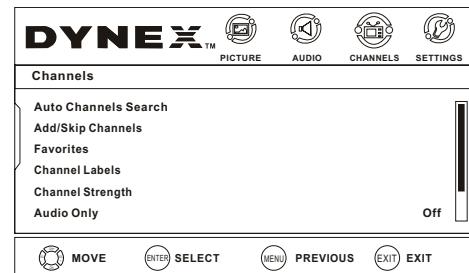
## Listening to audio only

### To listen to audio only:

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



- 3 Press **CH+** or **CH-** to highlight **Audio Only**, press **ENTER/VOL+** to open sub-menu, then press **CH+/-** to select **On**.

- 4 Press **EXIT** to close the menu.

**Notes:**

If **Audio Only** is set to **On**, the backlight should automatically turn off 5 seconds after last remote command. If the backlight is off, pressing **POWER** on the remote control will turn off the TV. Pushing any other button turns on the backlight and the button's function is ignored. If **Audio Only** is still set to **On**, the backlight will automatically turn off 5s after last remote command. When a channel is not **Audio Only** and the backlight is turned off, pressing any button other than **Power** on the remote control turns on the backlight and **Audio Only** is automatically set to **Off**.

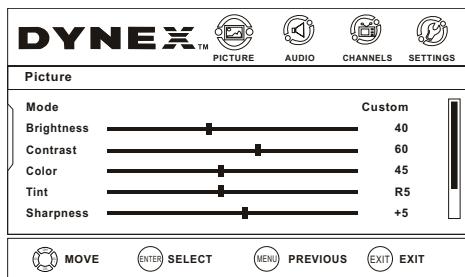
The **Audio Only** setting of a channel is not remembered. When you change to another channel, change input, or if you cycle the power, it will be set to **Off**.

## Turning on Auto Zoom

Auto Zoom automatically adjusts the aspect ratio of the picture, based on TV size and TV program.

**To turn on Auto Zoom:**

- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **CHANNELS**, then press **ENTER/CH-**. The **CHANNELS** menu opens.



- 3 Press **CH+** or **CH-** to highlight **Auto Zoom**, press **ENTER/VOL+** to open sub-menu, then press **CH+/-** to select **On**.

- 4 Press **EXIT** to close the menu.

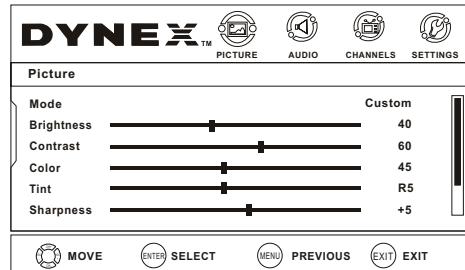
## Setting parental controls

Parental controls let you prevent your children from watching inappropriate material on TV. When set, parental controls read the rating of the program (with some exceptions, such as news and sports) and deny access to programs that exceed the ratings level you select. To watch programs that exceed the selected rating, you must enter a password.

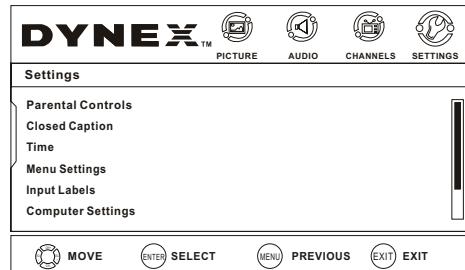
### Changing parental control settings

**To change parental control settings:**

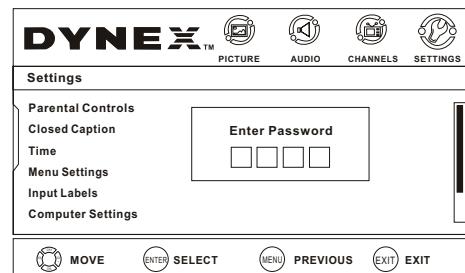
- 1 Press **MENU**. The on-screen menu opens.



- 2 Press **VOL+** or **VOL-** to highlight **SETTINGS**, then press **ENTER/CH-**. The **Settings** menu opens.



- 3 Press **CH+** or **CH-** to highlight **Parental Controls**, then press **ENTER/VOL+**. The **Enter Password** screen opens.



- 4 Press the number buttons to enter the four-digit password. The default password is **0000**. The **Parental Controls** sub-menu opens.



- 5 Press **CH+** or **CH-** to highlight an option, then press **ENTER/VOL+** to enter the sub-menu. Options include:

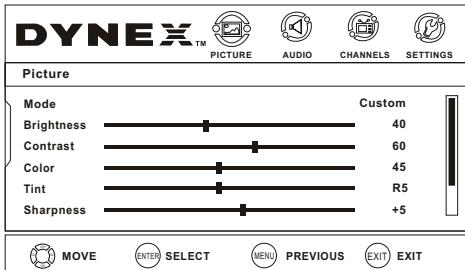
- **Button Lock**—Set to **On** to lock the buttons on the front of the TV.
- **Block Unrated TV**—Set to **On** to block TV programs that are not rated.
- **USA Parental Locks**—Select this sub-menu to change US parent lock settings. See “Setting parental control levels” on page 18.
- **Canadian Parental Locks**—Select this sub-menu to change Canadian parent lock settings. See “Setting parental control levels” on page 18.
- **Change Password**—Select this option to change the password. See “Setting or changing the password” on page 18.
- **RRT5**—Select this option to download ratings. See “Downloading rating information” on page 19.

6 Press **EXIT** to close the menu.

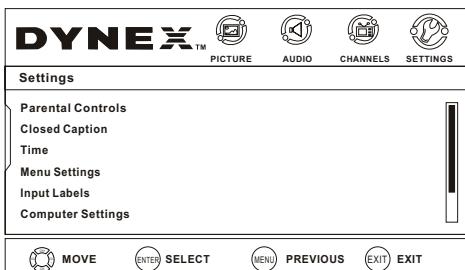
### Setting or changing the password

To set the parental control password:

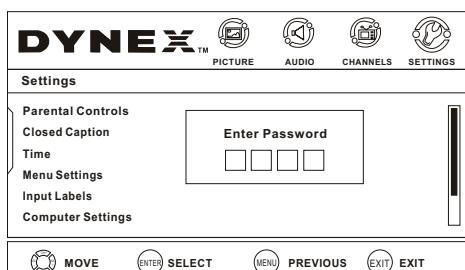
1 Press **MENU**. The on-screen menu opens.



2 Press **VOL+** or **VOL-** to highlight **SETTINGS**, then press **ENTER/CH-**. The *Settings* menu opens.



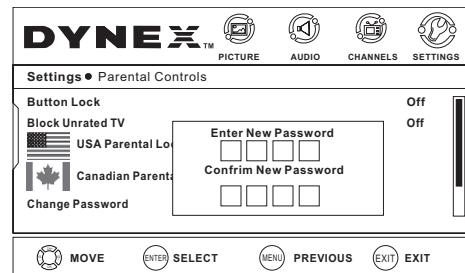
3 Press **CH+** or **CH-** to highlight **Parental Controls**, then press **ENTER/VOL+**. The *Enter Password* screen opens.



4 Press the number buttons to enter the four-digit password. The default password is **0000**. The *Parental Controls* sub-menu opens.



5 Press **CH+** or **CH-** to highlight **Change Password**, then press **ENTER/VOL+**. The *Change Password* screen opens.



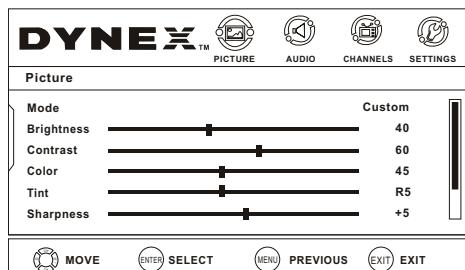
6 Enter the new password.  
 7 Enter the new password again, to confirm.  
 8 Press **EXIT** to close the menu.

### Setting parental control levels

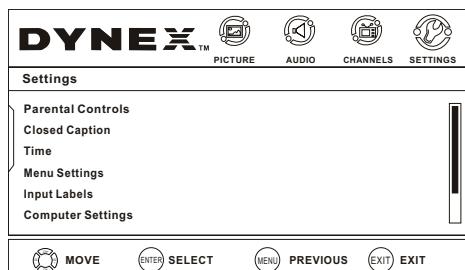
You can set parental controls for the U.S. and Canada. The following procedure shows how to set controls for U.S. TV ratings. You use similar steps for controlling U.S. movie and Canadian TV ratings.

To set parental controls:

1 Press **MENU**. The on-screen menu opens.



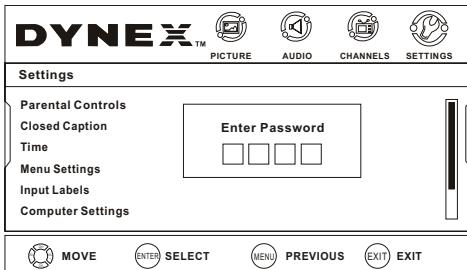
2 Press **VOL+** or **VOL-** to highlight **SETTINGS**, then press **ENTER/CH-**. The *Settings* menu opens.



## Setting parental controls

DX-LDVD19-10A **19**

3 Press **CH+** or **CH-** to highlight **Parental Controls**, then press **ENTER/VOL+**. The *Enter Password* screen opens.

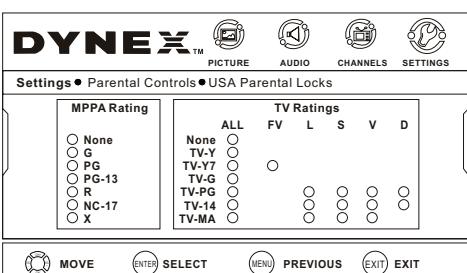


4 Press the number buttons to enter the four-digit password. The default password is **0000**. The *Parental Controls* sub-menu opens.



5 Press **CH+** or **CH-** to highlight **USA Parental Locks**, then press **ENTER/VOL+**. The *Parental Controls - USA Parental Locks* screen opens.

**Note:** Select **Canadian Parental Locks** to set Canadian controls.



6 Press **CH+** or **CH-** select the rating you want to block, then press **ENTER** to block that rating. A checkmark appears when a rating is blocked.

**Note:** When you block a rating, that rating and all other higher ratings are blocked.

7 Press **EXIT** to close the menu.

**U.S. TV ratings (age-based)**

TV-Y	All children.
TV-Y7	Suitable for children 7 and older.
TV-G	General audiences.
TV-PG	Parental guidance suggested.
TV-14	Parental guidance strongly suggested.
TV-MA	Mature audiences only.

**U. S. TV ratings (content-based)**

FV	Fantasy violence.
V	Violence.
S	Sexual situations.
L	Strong language.
D	Suggestive dialog.

**U.S. movie (MPAA) ratings**

None	Not rated.
G	General audiences.
PG	Parental guidance suggested.
PG-13	Suitable for children 13 and older.
R	Parental guidance suggested for children under 17.
NC-17	Not suitable for children under 17.
X	Adults only.

**Canadian English ratings**

E	Exempt programming.
C	Suitable for all children.
C8+	Suitable for children 8 and older.
G	General audiences.
PG	Parental guidance suggested.
14+	Suitable for children 14 and older.
18+	Adults only.

**Canadian French ratings**

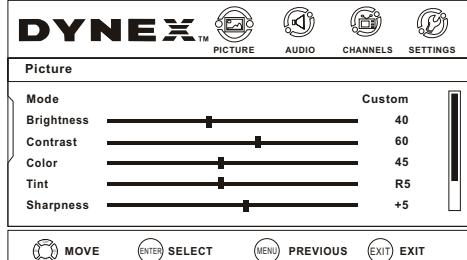
E	Exempt programming.
G	General audiences.
8 ans+	Suitable for children 8 and older.
13 ans+	Suitable for children 13 and older.
16 ans+	Suitable for children 16 and older.
18 ans+	Adults only.

**Downloading rating information**

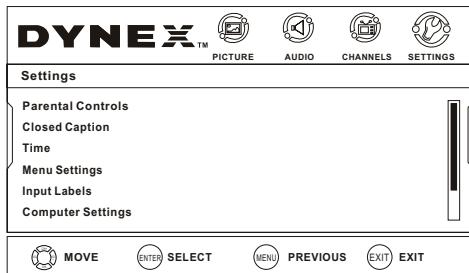
You can download rating information to use when setting parental controls.

**To download rating information:**

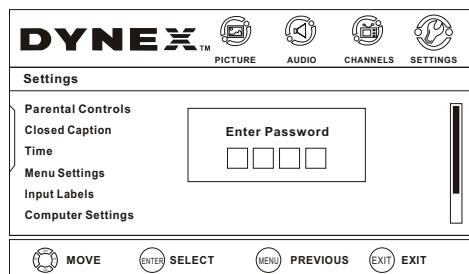
1 Press **MENU**. The on-screen menu opens.



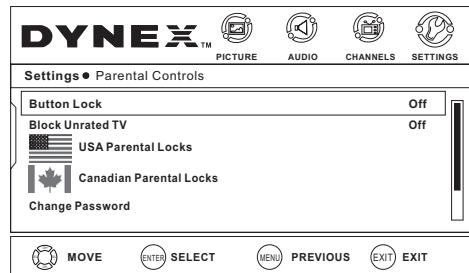
2 Press **VOL+** or **VOL-** to highlight **SETTINGS**, then press **ENTER/CH-**. The *Settings* menu opens.



3 Press **CH+** or **CH-** to highlight **Parental Controls**, then press **ENTER/VOL+**. The *Enter Password* screen opens.



4 Press the number buttons to enter the four-digit password. The default password is **0000**. The *Parental Controls* sub-menu opens.



5 Press **CH+** or **CH-** to highlight **RRT5 Settings**, then press **ENTER/VOL+**.

If the program is broadcast with RRT5 rating information, the information is downloaded automatically and can be used for parental controls.

**Note:** If you forget your password or the wrong password is accidentally set, enter **9443** as the password. This will enable you to regain control.

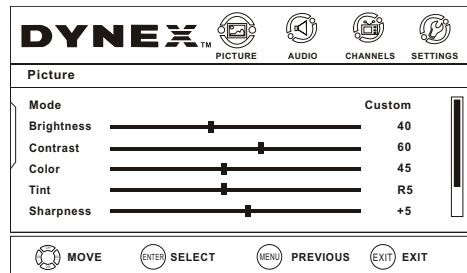
## Using closed captioning

Closed captioning helps the hearing impaired with the broadcast program, as well as helping children learn how to read. A built-in decoder displays the audio portion of a program as text on the screen when this option is selected.

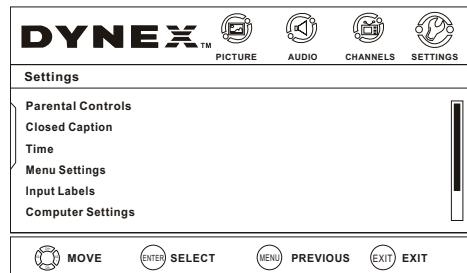
### Turning closed captioning on or off

To turn closed captioning on or off:

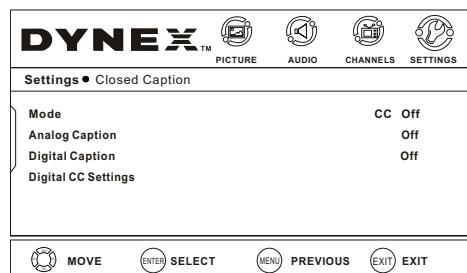
1 Press **MENU**. The on-screen menu opens.



2 Press **VOL+** or **VOL-** to highlight **SETTINGS**, then press **ENTER/CH-**. The *Settings* menu opens.



3 Press **CH+** or **CH-** to highlight **Closed Caption**, then press **ENTER/VOL+**. The *Closed Caption* menu opens.



4 Press **CH+** or **CH-** to highlight an option, press **ENTER/VOL+** to open the sub-menu, then press **CH+/-** to set up. Options include:

- **Mode**—Select **CC On**, **CC Off**, or **CC On Mute**.
- **Analog Caption**—For analog programming. Options include:
  - **CC1**—Standard CC display.
  - **CC2 to CC4**—For other modes of video related broadcast information.
  - **Text1**—For a program guide or other information displayed by broadcasters.
  - **Text2 to Text4**—For additional modes of information displayed by broadcasters.
  - **Off**—Turns analog captions off.
- **Digital Caption**—For digital programming. Select **CS1**, **CS2**, **CS3**, **CS4**, **CS5**, **CS6**, or **Off**.

- **Digital CC Settings**—To change digital closed caption settings. Options include:
  - **Style**—Select either **Automatic** or **Custom**. When you select automatic, the others are disabled and cannot be adjusted.
  - **Size**—To select the size of the caption displayed.
  - **Font**—To select the font of the caption displayed.
  - **Text Color**—To select the text color or the opacity of the text box of caption display. Select a color and one of the opacity options.
  - **Text Opacity**—To specify the opacity for the text color.
  - **Background Color**—To select a background color.
  - **Background Opacity**—To select the opacity for the background color.
  - **Edge Effect**—To select the edge effect.
  - **Edge Color**—To select the edge color.

5 Press  **MENU** to return to the previous menu, or press  **EXIT** to close the menu.

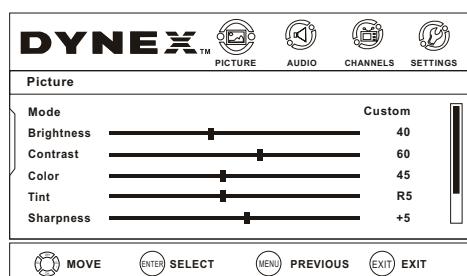
*Tip: You can also press **CCD** to turn closed captioning on or off.*

## Adjusting time settings

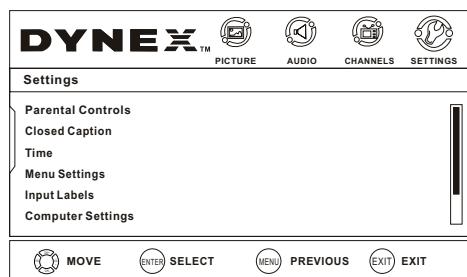
### Setting the clock

#### To set the clock:

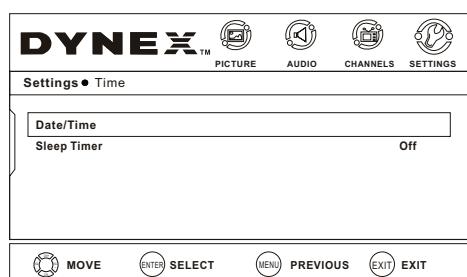
1 Press  **MENU**. The on-screen menu opens.



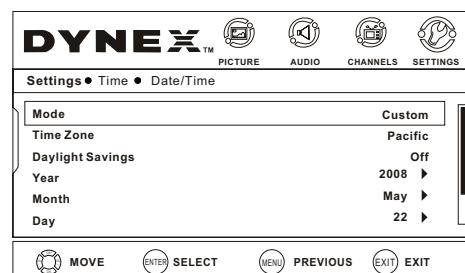
2 Press  **VOL+** or  **VOL-** to highlight  **SETTINGS**, then press  **ENTER/CH-**. The  **Settings** menu opens.



3 Press  **CH+** or  **CH-** to highlight  **Time**, then press  **ENTER/VOL+**. The  **Time** menu opens.



4 Press  **CH+** or  **CH-** to highlight  **Date/Time**, then press  **ENTER/VOL+**. The  **Date/Time** menu opens.



5 Press  **CH+** or  **CH-** to highlight an option. Options include:

- **Mode**—Press  **ENTER/VOL+** to open the sub-menu, then press  **CH+/-** to select  **Custom** or  **Auto**. To set the time manually, select  **Custom**. When  **Auto** is selected, the time is set automatically and cannot be adjusted.
- **Time Zone**—Press  **ENTER/VOL+** to enter the menu, then press  **CH+** or  **CH-** to select your time zone:  **Eastern**,  **Central**,  **Mountain**,  **Pacific**,  **Alaska**,  **Hawaii**,  **Atlantic**, or  **Newfoundland**.
- **Daylight Savings**—To set daylight saving time, press  **ENTER/VOL+** to open menu, then press  **CH+/-** to select  **On** or  **Off**.
- **Year**—Press  **VOL+** or  **VOL-** to select the correct year.
- **Month**—Press  **VOL+** or  **VOL-** to select the correct month.
- **Day**—Press  **VOL+** or  **VOL-** to select the correct day.
- **Hour**—Press  **VOL+** or  **VOL-** to select the hour, minute, and AM/PM options, then press  **CH+** or  **CH-** to set.

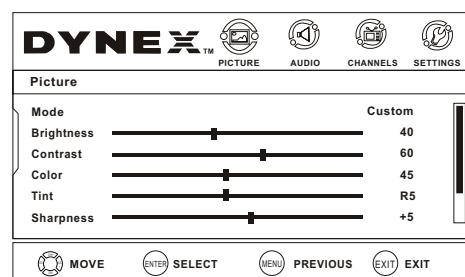
6 Press  **MENU** to return to the previous menu, or press  **EXIT** to close the menu.

### Setting the sleep timer

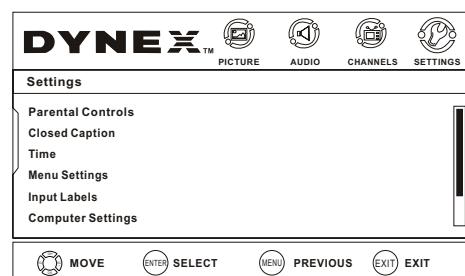
You can specify the amount of time you want your TV to wait before it automatically turns off.

#### To set the sleep timer:

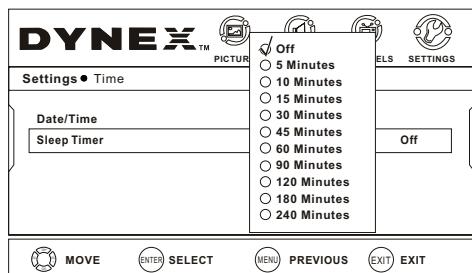
1 Press  **MENU**. The on-screen menu opens.



2 Press  **VOL+** or  **VOL-** to highlight  **SETTINGS**, then press  **ENTER/CH-**. The  **Settings** menu opens.



3 Press **CH+** or **CH-** to highlight **Time**, then press **ENTER/VOL+**. The **Time** menu opens.



4 Press **CH-** to highlight **Sleep Timer**, then press **ENTER/VOL+**. The **Sleep Timer** setting box opens.

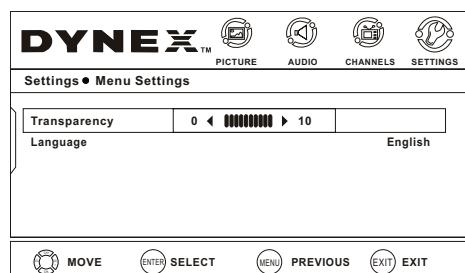
5 Press **CH+** or **CH-** to select the time interval that you want your TV to remain on, then press **ENTER** to confirm the setting. A checkmark appears next to the setting you selected.

**Note:** To turn off the sleep timer, select **Off**.

6 Press **EXIT** to close the menu.

**Note:** You can also press **SLEEP** on the remote control to set the sleep timer.

3 Press **CH+** or **CH-** to highlight **Menu Settings**, then press **ENTER/VOL+**. The **Menu Settings** menu opens.



4 Press **CH+** or **CH-** to highlight an option. Options include:

- **Transparency**—Press **VOL+** or **VOL-** to adjust how transparent the TV menu appears.
- **Language**—Press **ENTER/VOL+** to enter the sub-menu, then press **CH+/-** to select the menu language from **English**, **French**, or **Spanish**.

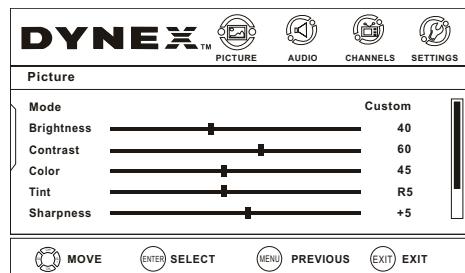
5 Press **EXIT** to close the menu.

## Labeling an input source

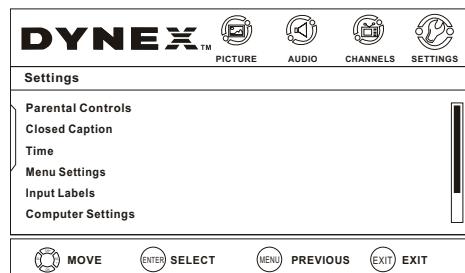
You can add a label to an input source to make it easier to identify.

### To label an input source:

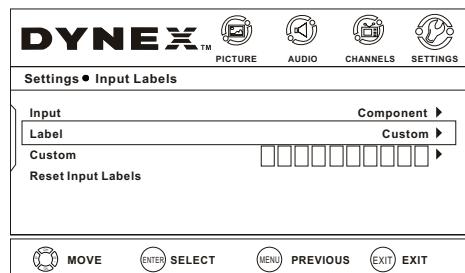
1 Press **MENU**. The on-screen menu opens.



2 Press **VOL+** or **VOL-** to highlight **SETTINGS**, then press **ENTER/CH-**. The **Settings** menu opens.



3 Press **CH+** or **CH-** to highlight **Input Labels**, then press **ENTER/VOL+**. The **Input Labels** menu opens.



- 4 Press **CH+** or **CH-** to highlight an option, then press **VOL+** or **VOL-** to change the setting. Options include:
  - **Input**—To select the input to label.
  - **Label**—To select the label. Options include:
    - **Custom**—Select this option to input your own label.
    - **VCR**
    - **DVD**
    - **Set Top Box**
    - **Satellite**
    - **Cable Box**
    - **Game**
    - **PC**
  - **Custom**—To enter a custom label. Press **VOL+** or **VOL-** to move between fields and press **CH+** or **CH-** to select the number of symbol you want (up to ten) to label the input. Press **ENTER** to confirm.
  - **Reset Input Labels**—To reset all input labels to factory default.
- 5 Repeat Step 4 to enter additional labels.
- 6 Press  **MENU** to return to the previous menu, or press  **EXIT** to close the menu.

## DVD Playback

### Basic playback

#### To load and play a DVD:

- 1 Press **DVD** on the remote control to enter DVD mode.
- 2 When the TV displays "OPEN," place a DVD in the disc slot with the label facing the back of the TV.  
The disc is loaded automatically after one to two seconds, then the DVD player reads the DVD and displays the opening menu. (If there is no disc placed in the DVD slot, "OPEN" will remain on the screen.)
- 3 Press the cursor buttons on the remote control to select menu options, then press **PLAY/ENTER** to start playback. You can also press the digit buttons to select a menu option directly, though some DVDs do not allow this during startup. During playback you can:
  - Press **PAUSE II** to pause playback (still mode). The sound is muted during still mode.
  - Press **PLAY/ENTER** to resume normal playback.
  - Press **FWD ►►** to fast forward through the disc. Each time **FWD ►►** is pressed, the fast forward speed changes.
  - Press **PLAY/ENTER** to resume normal playback.
  - Press **REV ◀◀** to fast reverse through the disc. Each time **REV ◀◀** is pressed, the fast reverse speed changes.
  - Press **PLAY/ENTER** to resume normal playback.
  - Press **PREV ▲▲** to repeat the current chapter. If you press within two seconds of when the current chapter begins, it will move to the last chapter until the start of the disc is reached.
  - Press **NEXT ►►** to skip the current chapter and play the next one.
  - Press **STOP ■■** to stop playback. The TV screen shows the start logo. With some discs, such as DVDs or CDs, the player can resume playback from the point where it was stopped.
- 4 Press **PLAY/ENTER** to resume playback from the location where the playback was stopped.
- 5 Press **STOP ■■** twice to stop completely.

### Advanced playback

All described functions can be activated by pressing the indicated button on the remote control. These functions are for DVDs. If you play other disc formats, the operation and on-screen display are different.

**SUBTITLE**—Press this to select a subtitle from the available languages. The screen displays "SUBTITLE 01/XX", where "01" indicates the ordinal number of the language, "XX" indicates the total number of languages available. (The number of language available depends on disc.) This function can select up to 32 languages, if available.

**REPEAT**—Press to repeat a portion of the DVD.

- Press once to repeat the current chapter ("CHAPTER" is be displayed on screen).
- Press twice o repeat the current title ("TITLE" is displayed on the screen).
- Press three times to repeat the entire DVD ("ALL" is displayed on the screen).
- Press a fourth time to cancel the repeat function.

**A-B**—Press to repeat a selected portion of a DVD. Press once to set a starting point, press again to set an end point and complete the set up. The selected section will be repeated. Press a third time to cancel this function.

**ANGLE**—When enjoying sports, concert, or theatre, press this key to view the DVD from different angles (when available).

**MENU**—Press this key to display the DVD root menu.

**DISPLAY**—Pressing this key cycles through information about the DVD, including Title Elapsed, Title Remaining, Chapter Elapsed, Chapter Remaining, and Display off.

**PROGRAM**—Press to enter program mode, then press the number buttons to select the program number that you want. When finished move the cursor to select **START**, then press **PLAY/ENTER** to confirm and start the program playback.

**T.SEARCH**—Press once to display the search menu for chapter search. Enter a chapter number to go to that chapter. Press **T-SEARCH** twice for time search. Enter hour, minute and second number to go to that spot. Press the program number buttons to input the item you want, then press **PLAY/ENTER** to confirm.

**SLOW**—Press to play a disc in slow motion. Each time the button is pressed, the slow motion speed changes. Press **PLAY/ENTER** to resume normal playback.

*Note: This function does not work for CDs.*

**TITLE**—Pressing this key displays the title menu on some DVDs. You can then use the number buttons to select the item you prefer.

**AUDIO**—Press to cycle between Mono Left, Mono Right, Mix-Mono, and Stereo audio modes.

### JPEG disc playback

A JPEG disc contains JPEG (.jpg) format picture information that can be decoded by software and displayed through the video output interface or on the television screen.

This function has many applications. For example, you can save files from a scanner or digital camera in the JPEG format, record these on a CD-R disc and present them to an audience through this player.

The JPEG format is a convenient method to store images in a small amount of memory space, and is ideal for archiving information.

When a disc containing standard JPEG picture files is inserted into the player, a navigation menu is displayed automatically. Use the **▲** (up) and **▼** (down) cursor buttons to select a file then press **PLAY/ENTER** to begin a slide show.

Press **PREV** **◀** or **NEXT** **▶** to move between pictures. Press **PAUSE** **II** to stop on the current picture. Press **PLAY/ENTER** to resume normal playback.

### Screen saver

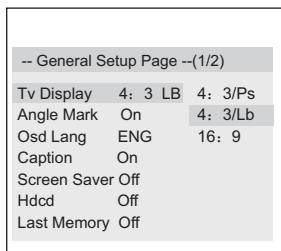
This TV employs a screen saver mode to help protect the screen during static video pictures. This can be turned off on the *GENERAL SETUP* page.

### DVD system setup

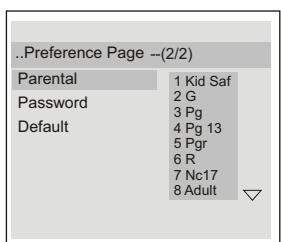
#### Accessing the general DVD setup

To access the general DVD setup:

- 1 Press **SETUP** on the remote control. The *General Setup Page* opens.



- 2 Press **SETUP** twice. The *Preference Page* opens (when there is a disc in the player, default cannot be selected).

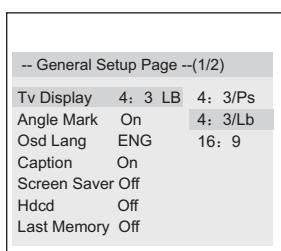


- 3 Press the **▲** (up) and **▼** (down) cursor buttons to select an option, then press **▶** to enter the sub-menu for that option.
- 4 Press the **▲** (up) and **▼** (down) cursor buttons to select an option on the sub-menu, then press **PLAY/ENTER** to confirm.
- 5 Press **SETUP** repeatedly to exit the setup menus.

#### Making changes to the general DVD setup

To make changes to the general DVD setup:

- 1 Press **SETUP** on the remote control. The *General Setup Page* opens.



- 2 Press the **▲** (up) and **▼** (down) cursor buttons to select an option, then press **▶** to enter the sub-menu for that option. Options include:
  - **TV Display**—When using the DVD with the internal TV, select 4:3/LB. The following options apply only when the DVD output is connected to an external TV:

- **4:3/PS** (PS=Pan and Scan)—Select if you have a normal aspect ratio (4:3) TV, although the NORMAL/LB (letter box) is a more common choice. In PS mode, wide screen material will fill the screen, but at the expense of chopping off extreme left and right edges of the original film picture. For this feature to work, the disc must be specially coded. Such discs are uncommon.

- **4:3/LB** (LB = Letter Box)—Select this if you have a normal aspect ratio (4:3) TV. Widescreen material will be shown in unaltered form, allowing the entire picture area of the original film to be viewed without any side cropping. Black bars will appear above and below the picture.

- **16:9**—Select this if you have a widescreen (16:9) TV. Black bars may still appear above and below the picture, even on a widescreen TV. This is because some film directors prefer to use ultra widescreen aspect ratios, such as 2.35:1. This will normally be indicated on the DVD packaging.

- **Angle Mark**—Select **On** or **Off**. Lets you select a particular camera angle when playing a DVD which offers multiple angles.

- **Osd Lang**—Lets you select the on-screen display language.

- **Caption**—Select **On** or **Off**. Lets you display or hide the picture caption.

- **Screen Saver**—Select **On** or **Off**. Displays an animated picture on the screen when the DVD player is idle for more than three minutes.

- **Hdcd**—Select **On** or **Off**. When off, it will display CD by reading HDCD, for HDCD playback, please choose 1X or 2X. You can play normal CDs when "HDCD" is set to off. You can play 44.1K CDs when HDCD is set to 1X, and 88.2K CDs when HDCD is set to 2X to enhance the audio quality.

- **Last Memory**—Select **On** or **Off**. When this option is On, your LCD TV/DVD combo remembers the DVD chapter you were viewing when you turned the player off. When you turn it back on, it starts playback at the chapter you were last viewing.

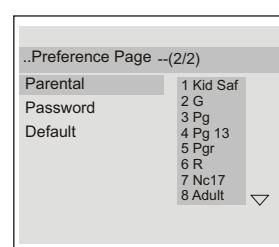
- 3 Press **SETUP** repeatedly to exit the setup menus.

#### Making changes to the Preference Page

The Preference Page is only available when there is no disc in the player.

To make changes to the Preference Page:

- 1 Press **SETUP** twice on the remote control. The *Preference Page* opens.



- 2 Press the **▲** (up) and **▼** (down) cursor buttons to select an option, then press **▶** to enter the sub-menu for that option. Options include:

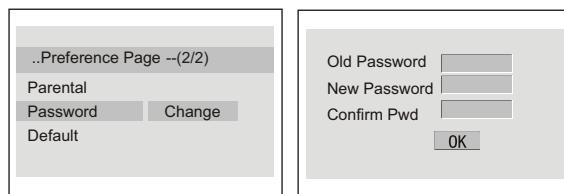
- **Parental**—The parental control function works in conjunction with the different censorship levels assigned to DVDs. These levels help to control the types of DVDs that the family watches. There are up to 8 censorship classes for DVDs.

**Notes:**

To change this setting you must enter your password. (The initial password is 1234.)

When parental controls are set to **OFF**, all discs may be viewed.

- **Password**—You can change your password by entering the old, four digit password, then entering the new, four digit password. You must confirm the new four digit password before the new password can be used.



**Note:** If you forget your password or the wrong password is accidentally set, enter **1369** as the password. This will enable you to regain control.

- **Default**—Resets all settings (except password and parental lock status) for this DVD player back to the manufacturers original settings. Press **ENTER** to perform the reset.

3 Press **SETUP** repeatedly to exit the setup menus.

## Playable discs

Discs	Label	Contents	Size
DVD Video		Audio+Video (moving picture)	12 cm
Audio CD		Audio	12 cm
JPEG		Video (picture)	12 cm
Kodak CD		Video (picture)	12 cm
CD-R		Audio or Video (moving picture)	12 cm
CD-RW		Audio or Video (moving picture)	12 cm
CD+G		Audio (picture)	12 cm
MPEG4		Audio+Video (moving picture)	12 cm

Support discs include: DVD, VCD, CD-R, CD-RW, HDCD, JPEG, CD+G, MPEG-4, Kodak CD, and WMA.

You cannot play discs other than those listed above.

You cannot play non-standardized discs, even if they may be labelled as above.

The performance of CD-R or CD-RW disc depends on the way the disc was burned. In a few cases, their performance may not be consistent or they may not even play.

This DVD Player is designed and manufactured according to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD Player, this DVD player will not play that disc.

This Region number of this DVD Player is

## Troubleshooting

**Warning:** Do not try to repair your TV yourself. Contact authorized service personnel.

### Video and audio

Problem	Solution
No picture or sound (the screen is not lit)	<ul style="list-style-type: none"> <li>• Make sure that the power cord is plugged into a power outlet.</li> <li>• Press <b>POWER</b>  on your TV or the remote control.</li> <li>• Try another channel. The problem could be with the TV station.</li> </ul>
Dark, poor, or no picture (the screen is lit), but sound is good	<ul style="list-style-type: none"> <li>• Select the correct picture mode. For more information, see "Adjusting the picture" on page 13.</li> <li>• Adjust the brightness. For more information, see "Adjusting the picture" on page 13.</li> <li>• Make sure that the antenna or cable TV is connected correctly. For more information, see "Connecting an antenna or cable TV" on page 8.</li> </ul>
No color, picture is dark, or color is not correct	<ul style="list-style-type: none"> <li>• Adjust the color saturation. For more information, see "Adjusting the picture" on page 13.</li> </ul>
Only noise (snow) appears on the screen	<ul style="list-style-type: none"> <li>• Make sure that the antenna or cable TV is connected correctly. For more information, see "Connecting an antenna or cable TV" on page 8.</li> <li>• Try another channel. The problem could be with the TV station.</li> </ul>
Picture has dotted lines or stripes	<ul style="list-style-type: none"> <li>• Adjust the antenna.</li> <li>• Move your TV away from noise sources, such as cars, neon signs, or hair dryers.</li> </ul>
Picture has double images	<ul style="list-style-type: none"> <li>• Use a highly directional outdoor antenna or change to cable or satellite TV.</li> </ul>
Picture has a few bright or dark dots	<ul style="list-style-type: none"> <li>• A few bright or dark dots on an LCD screen is normal. It does not affect the operation of this TV.</li> </ul>
Good picture, no sound	<ul style="list-style-type: none"> <li>• Increase the volume.</li> <li>• Press <b>MUTE</b> to make sure that the sound is not muted.</li> <li>• Make sure that the audio mode is set to <b>STEREO</b> or <b>MONO</b>. For more information, see "Adjusting the sound" on page 14.</li> </ul>
Audio noise or static	<ul style="list-style-type: none"> <li>• Move radio frequency communication equipment, such as a cordless phone, away from your TV.</li> </ul>

### Remote control

Problem	Solution
Remote control does not work	<ul style="list-style-type: none"> <li>• Replace the batteries. For more information, see "Installing remote control batteries" on page 6.</li> <li>• Make sure that the batteries are inserted correctly. For more information, see "Installing remote control batteries" on page 6.</li> <li>• Make sure that the power cord is plugged into an AC power outlet.</li> </ul>

## General

Problem	Solution
Cannot tune to one or more channels	<ul style="list-style-type: none"> <li>The program you want to watch may be blocked through the parental controls. For more information, see "Setting parental control levels" on page 18 or "Changing parental control settings" on page 17.</li> <li>The channel may have been deleted from the channel list. You can tune to the channel by pressing the number buttons or you can add the channel back to the channel list. For more information, see "Changing channel settings" on page 14.</li> </ul>
Password is lost	<ul style="list-style-type: none"> <li>On the <i>Parental Controls</i> menu (TV), enter <b>9443</b> for the password, then set a new password. For more information, see "Setting parental controls" on page 18.</li> <li>On the Parental menu (DVD setup) enter <b>1369</b> for the password, then set a new password. For more information, see "DVD system setup" on page 24.</li> </ul>
Cannot access some items	<ul style="list-style-type: none"> <li>If a setting or option is grayed out, it is not available in the current input mode.</li> </ul>
TV cabinet creaks	<ul style="list-style-type: none"> <li>When you are using your TV, the temperature inside the cabinet increases. This causes the cabinet to expand or contract, which produces the creaking noise. This is not a malfunction.</li> </ul>
Buttons do not work	<ul style="list-style-type: none"> <li>Unplug the power cord for a few seconds, then plug it back in and turn on your TV.</li> </ul>

**Note:** If the problem is not solved by using these troubleshooting instructions, turn off your TV, then turn it on again.

## Maintenance

### Cleaning

- Before cleaning the screen, unplug your TV from the power outlet.
- Clean your TV with a soft, dry cloth. If surfaces are extremely dirty, use a soft cloth dampened with a weak detergent solution.
- Use an eyeglass cleaner to clean the screen. Never use alcohol, paint thinner, or benzine.
- Before using a chemically treated cloth, read the instructions that came with the cloth.
- Do not spray insecticide liquid near your TV. Such chemicals may cause damage and discoloration to the exposed surfaces.

### Care and handling of discs

#### Handling discs

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.

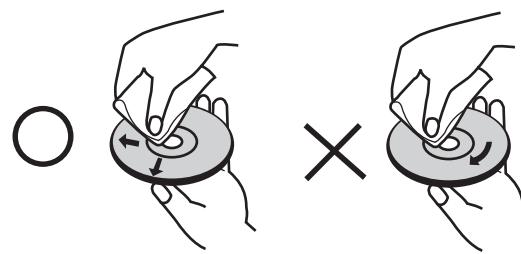


### Storing discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

### Cleaning discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.



Do not use strong solvents such as alcohol, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

### Servicing

Do not try to repair your TV/DVD combo yourself. There are no user-serviceable parts inside. Turn off your TV/DVD combo, unplug the power cord, then contact an authorized service center.

## Specifications

Design and specifications are subject to change without notice. Dimensions and weight are approximate.

<b>Model</b>	19"
<b>Picture/sound system</b>	NTSC, ATSC, Clear QAM
<b>Audio output</b>	$\geq 3W+3W$
<b>External input ports</b>	AV input, PC input, S-VIDEO input, PC audio input, YPbPr input, Antenna input, HDMI input, AUDIO in, headphone, USB for Service
<b>Power requirements</b>	120 V~60 Hz
<b>Power consumption</b>	50 W
<b>Temperature</b>	Working: $+41^{\circ}\text{F} \sim +95^{\circ}\text{F}$ ( $+5^{\circ}\text{C} \sim +35^{\circ}\text{C}$ ) Storage: $+5^{\circ}\text{F} \sim 113^{\circ}\text{F}$ ( $-15^{\circ}\text{C} \sim +45^{\circ}\text{C}$ )
<b>Humidity</b>	Working: 20%~80% Storage: 5%~90%
<b>Dimensions</b>	18.5 x 7.5 x 15.2 inches (47.1 x 19.0 x 38.5 cm)
<b>Weight</b>	10.8 lbs. (4.9 kg)
<b>Accessories</b>	Remote control Batteries (AA x 2) Component cable User Guide Quick Start Guide

## Legal notices

### FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

### FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

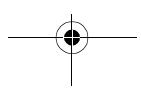
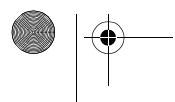
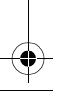
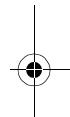
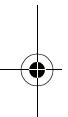
### Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003. Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

### Notices

Specifications and features are subject to change without notice or obligation.

For service and support call (800) 305-2204.



## One-year limited warranty

Dynex Products ("Dynex") warrants to you, the original purchaser of this new **DX-LDVD19-10A** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Dynex brand Products and packaged with this warranty statement. This warranty does not cover refurbished product. If you notify Dynex during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

### How long does the coverage last?

The Warranty Period lasts for one year (365 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

### What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Dynex repair center or store personnel, Dynex will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Dynex and are not returned to you. If service of products and parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Dynex Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

### How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 30 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Dynex-approved repair person dispatched to your home.

### Where is the warranty valid?

This warranty is valid only to the original purchaser of the Product in the United States, Canada, and Mexico.

### What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Dynex to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. DYNEX SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. DYNEX PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Dynex:

For customer service please call 1-800-305-2204

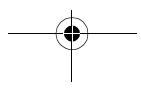
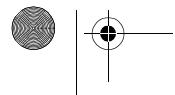
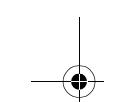
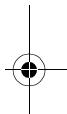
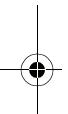
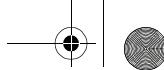
[www.dynexproducts.com](http://www.dynexproducts.com)

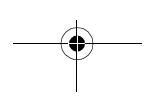
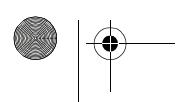
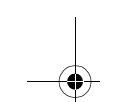
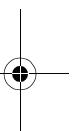
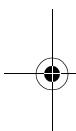
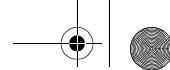
Distributed by Best Buy Purchasing, LLC

7601 Penn Avenue South, Richfield, Minnesota, U.S.A. 55423-3645

© 2009 Best Buy Enterprise Services, Inc.

All rights reserved. DYNEX is a trademark of Best Buy Enterprise Services, Inc. Registered in some countries. All other products and brand names are trademarks of their respective owners.





**DYNEX™**

[www.dynexproducts.com](http://www.dynexproducts.com) (800) 305-2204

Distributed by Best Buy Purchasing, LLC  
7601 Penn Ave. South, Richfield, MN 55423 U.S.A.

© 2009 Best Buy Enterprise Services, Inc. All rights reserved.

DYNEX is a trademark of Best Buy Enterprise Services, Inc. Registered in some countries. All other products and brand names are trademarks of their respective owners.

09-0340  
ENGLISH

